

1

BASE STRUCTURE REPORT
FOR
FISCAL YEAR 1993

D D C D
ELECTED
AUG 19 1992
S A



FEBRUARY 1992

This document is not
for public release
without prior approval
of distribution

92-22476

415405

92 3 10 07

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
(PRODUCTION AND LOGISTICS)

16408

**Best
Available
Copy**

BASE STRUCTURE REPORT

FOR

FISCAL YEAR 1993

for A 242 825

DEFENSE STRUCTURE REPORT

A-1

SUPPLEMENT TO THE FY 1993 PRESIDENT'S BUDGET

PREPARED BY

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

(PRODUCTION AND LOGISTICS)

TABLE OF CONTENTS

	PAGE
INTRODUCTION	
Section I	Reporting Requirement.
Section II	Content and Organization
Section III	Military Service Base Structure Chapters
Section IV	Base Operating Support Costs
Section V	Base Closure and Realignment
Section VI	Conclusion
CHAPTER ONE	
Section I	9
Section II	11
Section III	12
Section IV	13
Section V	14
Section VI	15
CHAPTER TWO	
Section I	16
Section II	17
Section III	18
Section IV	19
Section V	20
Section VI	21
CHAPTER THREE	
Section I	35
Section II	35
Section III	35
Section IV	37
Section V	39
Section VI	43

CHAPTER FOUR**PAGE**

Section I	Introduction	53
Section II	Base Structure Overview	55
Section III	Relationship of Base Structure to Force Structure	58
Section IV	Base Operating Costs	64
Section V	Actions to Enhance Efficiencies and Reduce Costs	64
Section VI	Air Force Base Structure	69

CHAPTER FIVE

Section I	Introduction	83
Section II	Base Structure Overview	83
Section III	Relationship of Base Structure to Force Structure	88
Section IV	Base Operations Support Costs	93
Section V	Actions to Reduce Annual Base Operations Costs	93
Section VI	Marine Corps Base Structure	97

APPENDIX

A-I	Summary of Changes from 1991 Report	103
A-II	List of Selected Foreign Sites (Army, Navy, and Air Force)	115
A-III	List of Abbreviations	155
A-IV	Installation Defense Planning and Programming (IDPP) Categories	159

LIST OF TABLES

TABLE	TITLE	PAGE
I	Summary of DoD Installations	6
II	Summary of Base Operating Costs	7
III	Department of Defense Real Property Summary	8
IV	Summary of Army Installations	23
V	Army Base Operating Support Costs	32
VI	Summary of Navy Installations	41
VII	Navy Base Operating Support Costs	51
VIII	Summary of Air Force Installations	67
IX	Air Force Base Operating Support Costs	81
X	Summary of Marine Corps Installations	95
XI	Marine Corps Base Operating Support Costs	101
<u>Appendix</u>		
A-I	Summary of Changes from 1991 Report	103
A-II	List of Selected Foreign Sites (Army, Navy, and Air Force)	115
A-III	List of Abbreviations	155
A-IV	Installation Defense Planning and Programming (IDPP) Categories	159

CHAPTER ONE

INTRODUCTION

Military installations are vital to the Nation's security. The real investment the Nation makes in its defense base structure and facilities is an investment in its military and civilian people -- an investment that enhances the working and living conditions for our people which is repaid in the form of improved pride, greater performance, and enhanced combat readiness.

The FY 1991 base structure of the Department of Defense (DoD) comprised over 5,500 properties and almost 27 million acres of land, with an original investment cost of roughly \$69 billion. The replacement value of these facilities is estimated at over \$600 billion (in Fy 1993 dollars). Defense installations and properties range widely in personnel assigned and amount of property controlled: from an unmanned navigational aid station of less than one-half acre to the Naval Station at Norfolk, Virginia with over 60,000 employees and Nellis Air Force Base in Nevada with over 3 million acres. The FY 1991 defense base structure supports 1.8 million military, 1 million Guard and Reserve, and 1 million civilian employees and their families.

The worldwide defense base structure is being drawn down to support the new military force structure, which is being designed to reflect the changing world situation. The defense base structure also must change to reflect these new realities.

I. REPORTING REQUIREMENT

The Base Structure Report is prepared by the Department of Defense to (a) provide information on military installations, (b) relate current DoD base structure to the military force structure, and (c) identify base operating support costs and efforts to reduce such costs.

A written report on DoD base structure is submitted annually by the Secretary of Defense to the Congress under provisions of Section 115 of Title 10, United States Code. The public law calls for the report to identify, define, and group by mission and by region the types of military bases, installations, and facilities. This Base Structure Report satisfies that requirement for FY 1993. It should be used in conjunction with the following related DoD reports for FY 1993 that contain information on defense forces, funds, equipment, and other resources:

- o Secretary of Defense Annual Report to the Congress
- o The Defense Manpower Requirements Report
- o The Military Manpower Training Report

II. CONTENT AND ORGANIZATION

The Base Structure Report has been prepared to provide an understanding of the scope and purpose of DoD base structure as it was at the end of FY 1991 (September 30, 1991). The report furnishes information on each major, minor or support installation, as defined by each Military Service. The report includes the installation location by the name of the nearest city; the Installation Defense Planning and Programming category, which classifies the installation by major Defense Program; the size or importance of the installation; the assigned number of military and civilian personnel; the installation acreage; and the principal unit or mission. Also included in the activity/function column is a note whether the activity or function will change as a result of an announced closure or realignment. The report does not include DoD activities in leased space. The report is organized into a DoD overview section followed by a section for each military service and an appendix.

III. MILITARY SERVICE BASE STRUCTURE CHAPTERS

Each Military Service provides a narrative description of its base structure as of September 30, 1991. The base structure is related to the existing force structure. The programmed base operating support costs are estimated for FY 1993, and efforts made to reduce annual base operating support costs are explained. Each Service Chapter contains the following sections.

Section	Title
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operating Support Costs
V	Actions to Reduce Base Operating Support Costs
VI	Service Base Structure

Each service assigned a category code number (1, 2, or 3) to each installation. These codes are assigned by the services to major, minor, or other/support installations which support Service missions. Only those bases with significant personnel assigned are included. For the most part, ranges, radar sites, communication sites, R&D Centers, outlying air fields, and other, often unmanned, properties are not included in this report. Activities in leased space also are not included.

Three categories of population data are depicted for each installation. The authorized full time, permanently assigned military and civilian personnel represent the basic installation population. The military and civilian figures include the average student load at training bases. We added a separate column, "other", to show the tenants on an installation. Included in this "other" category are estimates of contractor personnel and all others whose permanent place of work is the installation. Including these figures in the total more accurately reflects the overall installation workload.

Finally, because of interest shown in the European theater with the end of the Cold War, the Appendix lists each service's European sites in more detail than their respective foreign "installations" section in the body of this report. The Army listing in the Appendix also includes a site breakout for all their foreign installations, which reflects the new organizational structure for support of Army foreign sites. The Appendix also includes summaries and lists of the changes made to the last Base Structure Report as well as definitions of abbreviations and codes.

IV. BASE OPERATING SUPPORT COSTS

All base operating support, either directly or indirectly, contributes to the performance of the military mission. This report defines base operating support costs as the overhead costs of providing, operating and maintaining the defense base structure. In general, base operating support costs are the costs of doing business at installations or, conversely, the costs of mission operations not readily assignable to the missions themselves.

This definition provides a reasonable and uniform basis for reporting the support costs needed to operate and maintain defense installations, so that the operational forces can pursue their mission objectives. These costs include:

- o Real Property Maintenance Activities - Maintenance and repair, minor construction, operation of utilities, and other engineering support

- o Base Operating Support - Payments to the General Services Administration; administrative and data processing activities; supply operations; maintenance of installed equipment; bachelor housing operations and furnishings; morale, welfare, and recreation activities; and other base services and personnel support
- o Construction - Military construction, including family housing new construction and improvements

- o Family Housing Operations and Maintenance - Family housing management, services, utilities, furniture and equipment, leasing maintenance, and repair

V. BASE CLOSURE AND REALIGNMENT

Over the past five years, the Department of Defense has reviewed aggressively the base structure that supports its force structure. The military services have proposed significant changes to their base structure. The domestic changes have been reviewed by Commissions, submitted to the President and approved by Congress. The overseas reductions have been coordinated with our foreign policy objectives and announced following host nation consultation.

Between January 1990 and January 1992, DoD has announced that it would end or reduce operations at 49% overseas sites, almost one-third of the total overseas sites. 463 of these sites are in Europe and 29 are in locations outside Europe. Reviews of the overseas base structure are continuing and future announcements will be made regularly.

The 1988 Commission on Base Realignment and Closure announced the closure of 86 domestic installations and 14 realignments. Forty five other installations were designated to receive missions and functions as a result of these actions. The 1991 Base Closure and Realignment Commission announced an additional 34 domestic closures and 48 realignments. These actions represent a reduction of about 9 percent of the domestic base structure.

Existing legislation authorizes the Defense Base Closure and Realignment Commission to be appointed and meet in 1993 and 1995 to review further domestic base structure adjustments.

VI. CONCLUSION

Military base structure is dynamic, has evolved over time to its present composition, and will continue to evolve. Changing force structure, wartime scenarios, resource availability, advancing technology, and many other factors influence the size of the base structure and the location of the bases. Today, three factors: changing force structure, resource availability, and the fast changing political realities primarily in Eastern Europe, the Soviet Union, and the Middle East combine to require that the Department examine its base structure and close or realign unneeded bases in order to save scarce defense dollars. In addition, DOD is continuing to seek ways to improve the general management of its base structure. The Department's objective is an efficient and effective base structure to meet current and projected peacetime and wartime requirements.

TABLE I - SUMMARY OF DOD INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCES				
STRATEGIC (101)	27	0	2	29
INTELLIGENCE AND COMMUNICATIONS (103)	3	0	1	4
GUARD AND RESERVE (105)	7	0	0	7
RESEARCH AND DEVELOPMENT (106)	2	0	0	2
GENERAL PURPOSE FORCES				
GENERAL PURPOSE (202)	14	0	59	135
AIRLIFT/SEALIFT FORCES (204)	14	0	2	17
GUARD AND RESERVE (205)	104	2	0	106
AUXILIARY FORCES				
INTELLIGENCE AND COMMUNICATIONS (303)	15	1	6	24
RESEARCH AND DEVELOPMENT (305)	36	0	0	36
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
MISSION SUPPORT FORCES				
STRATEGIC (401)	2	0	0	2
GENERAL PURPOSE (402)	37	1	14	52
CENTRAL SUPPORT FORCES				
CENTRAL SUPPLY AND MAINTENANCE (507)	70	1	4	75
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	75	0	1	76
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	2	0	0	2
Department of Defense Total	470	8	91	569

TABLE II
DEPARTMENT OF DEFENSE - BASE OPERATING SUPPORT COSTS - FY1993
 (\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Overseas</u>	<u>Foreign/</u>	<u>Total</u>
Strategic Forces	535.8	.1	13.1	699.0	
General Purpose Forces	3,587.0	171.5	2,765.3	6,523.8	
Intell/Communications	324.2	7.3	82.7	414.2	
Airlift/Sealift	262.3	.3	21.2	283.8	
Guard & Reserve Forces	219.9	4.7	-	224.6	
Research & Development	1,348.3	4.9	-	1,353.2	
Central Supply & Maintenance	5,116.5	86.4	412.2	5,615.1	
Training, Medical, & Other General Purpose Activities	2,221.0	.1	9.7	2,230.8	
Administration & Assoc. Activities	73.3	-	-	73.3	
Support to Other Nations	..	-	-	-	
SUBTOTAL	14,338.3	275.3	3,304.2	18,417.8	
Construction	2,910.1	110.9	105.7	3,126.7	
Family Housing OEM	1,256.6	118.5	1,012.5	2,997.6	
TOTAL	19,615.0	504.7	4,422.4	24,542.1	

TABLE III

DEPARTMENT OF DEFENSE REAL PROPERTY SUMMARY

SEPTEMBER 30, 1991

MILITARY DEPARTMENT	UNITED STATES	U. S. TERRITORIES AND POSSESSIONS		FOREIGN AREAS	DOD TOTAL
		NUMBER OF PROPERTIES			
ARMY	1,289	16		936	2,241
NAVY	503	18		64	585
AIR FORCE	<u>1,982</u>	<u>23</u>		<u>596</u>	<u>2,601</u>
TOTAL	3,774	57		1,596	5,427

ACREAGE (MILLIONS OF ACRES)					
ARMY	12.314	.018	.387	12.720	
NAVY	3.692	.082	.210	3.984	
AIR FORCE	<u>9.616</u>	<u>.026</u>	<u>1.106</u>	<u>10.749</u>	
TOTAL	25.622	.126	1.703	27.453	

(NOTE: NAVY FIGURES INCLUDE MARINE CORPS)

I. INTRODUCTION

The Army Base Structure Chapter is submitted in compliance with Section 115 of Title 10, United States Code. This chapter consists of six sections:

- Section I is the Introduction.
- Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors that have influenced the Army base structure from World War II to the present, and details the criteria expected to apply to installation planning for the next 20 years.
- Section III relates the needs of the major activities within each Installation Defense Planning and Programming (IDPP) category to the current base structure. This section also describes major changes to the FY 1993 base structure.
- Section IV gives a breakdown of projected Army Base Operating Support Costs for FY 1993.
- Section V summarized recent major actions taken to reduce Base Operations Costs and cutlines criteria which would apply to such actions in the future.
- Section VI consists of the listing of the installations, comprising the base structure. It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all inclusive. For instance, Fort Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit.

The definition for an Active Army installation is:

An aggregation of contiguous or near contiguous, common mission-supporting real property holdings under the jurisdiction of the Department of Defense controlled by and at which an Active Army unit or activity is permanently assigned.

For installations in CONUS, this definition is easy to apply. However, in OCONUS, Army units and activities occupy many small individual sites rather than one contiguous CONUS base such as Ft Bragg. Therefore, to compare CONUS installations with OCONUS "installations", it is useful to think in terms of "installation-equivalents" which consist of a near-contiguous grouping of sites, kasernes, barracks, camps, etc., which share a set of community facilities.

For the purposes of this report the following definitions are used to categorize installations:

MAJOR Category 1: - Any Active Army installation which has 5000 or more U.S. service members, and DoD civilian employees assigned as reported in the Army Stationing and Installation Plan (ASIP).

MINOR Category 2: - Any Active Army installation not categorized as Major or which has 1000 or more U.S. service members, and U.S. DoD civilian employees assigned as reported in the ASIP.

OTHER Category 3: - Any Army installation not categorized as Major or Minor which has approximately 100 or more U.S. service members and U.S. DoD civilian employees assigned as reported in the ASIP.

Army activities not categorized as Major, Minor, or Other are not included in this report.

For a site or property (or collection of properties) to be considered an "installation", it must have an Active Army unit or activity assigned to it. Therefore, the list of installations (Section VI) does not include all Army-owned properties. Properties such as US Army Reserve Component sites, small housing areas, and non-populated sites such as noncontiguous training areas or staging areas have been excluded. The Army base structure on 30 September 1991 is summarized at TABLE IV. The list of Army installations in the U.S. and U.S. Territories and Possessions, and summary of Army overseas sites by organizational structure follows. The list of Army overseas sites is in the Appendix.

II. Base Structure Overview

The mission of the U.S. Army is to organize, train, and equip its forces for prompt and sustained combat to fight and win wars. That mission entails a wide variety of functions requiring both general and specialized base structure support. The Army supports its mission from an essentially fixed-base structure which has evolved from past requirements. This structure is now evolving in response to changing strategy as the Army "rightsizes" and transitions to a new national military strategy. This strategy relies heavily on contingency forces based in the United States. CONUS installations must be world class power projection platforms at which soldiers and units organize and train, are sustained, and from which they mobilize, deploy, and demobilize. Therefore, the Army is committed to protecting and enhancing the Quality of Life on its installations in order to retain trained soldiers, to care for their families, and to provide a suitable working environment for the military force and the civilian work force. Army efforts are focused on both improving the quality and efficiency of services and on revitalizing the facilities.

The current base structure was shaped primarily by the demands of World War II and the Korean War. While the force structure, weapons technology, and tactics have evolved, the face of the base structure and the inherent land and real property assets of individual installations have remained essentially constant. Given this legacy, the Army continues its efforts to improve and realign the base structure to meet current and projected needs. This includes the inactivation and divestiture of inefficient, excess, or underutilized installations and facilities. In addition, the continued reduction in resource levels has intensified DoD and service efforts to perform all functions more efficiently to preserve force structure.

National strategy determines Army force structure which, in turn, drives stationing. Many installations, particularly those where training and operations are conducted are a precious national resource. The need for expandability will always be an important factor. The Army must keep the installations that best contribute to training, force projection, and support of probable future contingencies. When it is feasible and cost-effective, the Army stationing strategy is to consolidate operations at large multi-purpose installations and to reduce the number of small single-purpose bases. These large multi-purpose installations are the enduring bases at which the Army must focus its limited investment dollars for preservation of infrastructure.

The smaller Army of the future may create some excess capacity in its basing structure. Therefore, the Army must divest itself of unnecessary infrastructure to preserve the quality of the remaining infrastructure. The Army faces significant

challenges in maintaining the remaining CONUS installations. Since 1987, the Army has been unable to meet the repair and maintenance requirements of its installations. In the past two years, this problem has grown to where the Army is able to budget to meet only about 60% of these requirements in FY 1993. The Army is restating its forces to optimize use of the remaining base structure while, simultaneously, making prudent investment in its enduring installations to revitalize the base infrastructure.

The Army tried for many years to close installations. However, the Army's first successful recent efforts to consolidate its functions: at installations to more effectively utilize resources began with the 1988 Base Realignment and Closure Commission (BRAC 88). By the end of 1995, the Army will close 75 installations, stand-alone housing sites, and other properties approved in the BRAC process. Of the 89 closures and realignments, the Army will close 7 Minor and 6 Other installations. In addition, the Army will realign units, activities, and functions among 57 other installations.

On 29 January 1990, the Secretary of Defense announced additional BRAC study actions affecting the Army. However, the enactment of the Defense Base Closure and Realignment Act of 1990 halted the major actions proposed. Nevertheless, the Army is able to proceed with the termination of production at the Detroit and Lima Army Tank Plants, the layaway of 6 Army Ammunition Plants, and the termination of production at another. This affects 1 Minor and 6 Other U.S. installations listed in this report.

The Defense Base Closure and Realignment Act of 1990 provides for BRAC commissions in 1991, 1993, and 1995. Although the BRAC 88 closures were driven, to a large extent, by a desire to achieve efficiency in operations, the Army must develop its future BRAC initiatives in conjunction with, and be supported by, a force structure plan and Congressionally approved selection criteria. Therefore, while the need to achieve efficiencies remains important, force structure requirements now drive the BRAC process. Army analysis and evaluation now focus on relative military value of installations in addition to economic and environmental considerations.

In response to the new legislation, the Army created the Total Army Basing Study (TABSS) group to conduct the analysis process and to develop BRAC recommendations for consideration by the Army and DoD leadership. The 1991 Commission completed its review, and both Congress and the President have accepted their recommendations. The Army is now executing these actions. Three Major installations (Forts Devens, Ord, and Ben Harrison) and one Minor installation (Sacramento Army Depot) will close; one Major (Fort Dix) and one Minor (Fort Chaffee) will realign and reduce to retention of an active Army garrison in support of Reserve Component activities.

Overseas, the Army is withdrawing from and returning many of its sites to Host nation control as forces inactivate or return to the United States. In this overseas realignment of sites, six separate announcements to date have involved Army bases in six countries. Prior to these announcements, the Army controlled approximately 1000 sites outside of the U.S., about 850 of these in Europe. The Army currently plans to return or reduce operations at over 430 sites in Europe by FY 1994. The Army also has changed the organizational structure for supporting Army overseas sites. This new organizational structure is reflected in this report.

The Army continues to reevaluate its requirements for foreign bases and is negotiating with Host nations for the turnover of bases. After review by U.S. State Department and DoD leadership, the Secretary of Defense will continue to announce additional overseas sites for return to Host country control or reduced operations.

For future BRAC actions the Army will apply the following principles:

- Maximize readiness with installations capable of generating, projecting, and sustaining combat power in support of national military objectives.
- Consolidate into the best, most efficient facilities.
- Maximize quality of life and minimize hardships for soldiers, their families, and civilian employees.
- Provide appropriate expandability and reversibility to ensure an installation base capable of responding to future force structure requirements.
- Provide adequate mobilization capability to train and mobilize as called for by various military contingencies.
- Provide adequate training land and facilities to sustain a trained and ready force.
- Consider the costs and savings of proposed realignments and closures.
- Consider the economic impact on communities.
- Consider environmental impacts, restoration, and costs of proposed realignments and closures.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

As the Army rightsizes, its basing strategy becomes even more critical in maintaining a trained and ready force. The well-being of the Army's future force capability and quality of life will be determined by how well Army installations are managed and its base structure realigned.

As mentioned earlier, national strategy determines force structure which, in turn, drives stationing. The Army accords priority to stationing divisions and other major tactical units based on such critical factors as: adequate maneuver and training space and ranges; availability of housing and support; and, constraints required to ensure effective environmental stewardship. Because stationing choices are, of necessity, made from existing installations originally acquired to meet less demanding past training requirements, they involve some compromise. Modern forces and training requirements are land intensive and require more maneuver area. For those divisions having pre-positioned unit equipment overseas, precise CONUS location is no longer a major consideration. Strategic airlift can move personnel and individual equipment east or west with no significant time differential. For units scheduled to move by surface transport with full equipment, availability of transportation assets is an important criterion.

The CONUS logistics and research and development base structure is also evolutionary. It was created during mobilization for World War II at widely dispersed locations in anticipation of enemy attack against the homeland. The services have begun to consolidate functions within and across service boundaries. The Army is in the process of reviewing its industrial mobilization capacity. Operation Desert Shield/Storm experience and world events indicate that some mobilization capability is outdated, unneeded, and underutilized.

STRATEGIC FORCES (100)

Base Requirements:

Army strategic forces consist primarily of strategic command and surveillance forces and activities that are normally tenants on installations which have, as their primary mission, the support of other type units and missions.

GENERAL PURPOSE FORCES (200)

Base Requirements:

The Army must train in the ways that it will fight. The battalion task force, the lowest level at which all elements of the combined arms team come together, must regularly practice and deploy on fronts and depths comparable to those expected in wartime. Brigade exercises must be conducted to exercise the full range of fire support, operations, and logistical contingencies. Division commanders must deploy critical elements of their commands in order to exercise an appropriate range of combined arms operations in a joint setting. All units must have sufficient land to train and fire their weapons. The Army goal is to maneuver brigade-size combined arms teams at their home station and to provide each brigade and battalion commander the opportunity to train at a combat training center.

Units without pre-positioned equipment overseas should have easy access to air and surface transportation and the port of embarkation (sea and air) to meet early deployment requirements.

Another key element in the mobilization stationing requirement is the necessity for providing Reserve Component units with annual training and inactive duty training sites.

Based on the national military strategy, by FY 1995, the Army's portion of the force will consist of 20 divisions; 12 Active, 6 Reserve, and 2 Cadre. These divisions will be organized into four Corps. These units will be configured and stationed to fulfill the Army's following strategic roles:

- Forward Presence to provide forward deployed ground forces for deterrence,
- Sustained land combat, and conflict termination in areas of vital interest. These forces consist of 6 Brigades in the Pacific and 6 Brigades and an Armored Cavalry Regiment in Europe. In addition, there is one special mission brigade in Panama. Treaty requirements call for the full withdrawal of U.S. forces from Panama by 1999.
- Immediate Contingencies that may require forcible entry and that require maintaining combat ready ground forces (heavy, light, and special operations) in CONUS. These forces consist of 5 fully-structured, CONUS-based Active Divisions: 1 Airborne, 1 Light, 1 Air Assault, and 2 Armored/Mechanized.

- Reinforcement with CONUS-based forces able to reinforce Forward Deployed and Contingency forces or to meet a concurrent contingency. This mission is assigned to 3 Active Round Out Divisions.
- A Major European Contingency (traditional role of Reserve Divisions) performed by 6 Reserve Divisions: 5 Armored/Mechanized and 1 Light.
- Reconstitution capability provided by 2 Cadre Divisions and through rearmament, short-term force generation, and long-term force expansion.
- Civil Support by participation in interdiction of illicit drug traffic, disaster relief, and assistance during other emergencies.
- Peacetime Support to allied and friendly nations through peacekeeping, security assistance, and Army-to-Army initiatives.

Nondivisional combat general purpose forces are distributed throughout the base and force structure.

The Army also maintains semi-active installations that primarily support training Reserve Component units and mobilization. In addition, states, territories, Commonwealths, possessions, and the District of Columbia own or lease installations and facilities to support weekend and annual training and mobilization for Army National Guard units. While Active component installations also perform these functions, they do not have sufficient capacity to satisfy the total requirement. To conduct the training required, National Guard and Reserve units have access to additional local and regional acreage.

The Military Traffic Management Command (MTMC), with area command headquarters at Bayonne, New Jersey and Oakland, California, performs terminal and outport functions. Each area command headquarterers commands a military ocean terminal for general cargo at its respective location and military outports at various commercial ports. The DoD's transportation mission is accomplished almost exclusively with commercial resources. The military ocean terminals, which are shared with industry during peacetime, return to military use when needed. Hazards involved in moving ammunition require that separate Government-owned terminals be maintained.

AUXILIARY FORCE (300)

Basing Requirements:

Research, development, testing, and evaluation (RDT&E) of Army materiel, weapons, and support systems are accomplished primarily by the U.S. Army Materiel Command, Strategic Defense Command (SDC), U.S. Army Medical Research and Development Command, and U.S. Army Corps of Engineers. These missions require numerous test facility complexes, laboratory and research facilities, and administrative headquarters facilities. They operate as RDT&E installations/activities or as tenant facilities on other installations. Generally, these research and testing facilities require a highly sophisticated work force and equipment. Testing facilities are usually in remote areas requiring a constant, on-site work force. These facilities are an integral part of the materiel development and acquisition mission and significantly contribute to U.S. efforts to maintain a lead in weapon systems technology.

The U.S. Army Information System Command (USAISC) provides general, Army-wide, non-tactical Information Mission Area (IMA) support. To provide IMA support, USAISC requires IMA facilities at selected installations. Their primary subdisciplines include non-tactical communications and automation. Additionally, facilities on installations are used by USAISC to support the Defense Information Systems Agency and the Army's command and control requirements.

MISSION SUPPORT FORCES (400)

Basing Requirements:

To provide adequate command, control, and management of resources, the Army's base structure includes installations which serve as homes for major command headquarters. Typically, these organizations require a highly sophisticated work force and access to rapid transportation not normally found at remote locations.

CENTRAL SUPPORT FORCES (500)

Basing Requirements:

Central Support Forces form the bulk of the Army's sustaining base that supports combat forces and consist of the Army's arsenals, industrial production facilities, supply

and maintenance depots, service schools and universities, and medical facilities and activities.

Since 1813, arsenals have served as centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from manufacturing, storage, and maintenance of weapons to serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. Government-owned, contractor-operated (GCCO) plants are production-type installations used in the production of munitions, tanks, aircraft, electronics, and missiles. The Army has placed a number of these in standby/layaway status. These plants provide the flexibility to rapidly expand our contract capability consistent with requirements. Continued modernization of these plants is essential to maintain a viable production capability.

The Army's wholesale depots store, maintain, and distribute major items. They also store war stocks for Reserve Component forces. These depots also provide for safe storage, maintenance, distribution, and, in some cases, demilitarization of explosives, special weapons, and toxic and chemical materials.

DOD has consolidated, where practicable, supply distribution functions with the Defense Logistics Agency. Sharpe and New Cumberland Army Depots have already been transferred to DIA. Distribution depots support assigned Geographic areas, both CONUS and overseas, for storage and distribution of secondary items. Some depots also have maintenance activities.

Army Service Schools' primary mission is to replenish forces with trained personnel in peacetime and to maintain an expansion capability to support mobilization. Army schools have established centers of excellence for training and doctrine for all branches and support training of other DOD, federal, and local activities, as well. Generally, these installations are multi-purpose and also support combat, combat service, and combat service support forces.

Medical facilities and activities provide health services to Active Army forces and other authorized beneficiaries. Station (community) hospitals provide basic and general ambulatory and inpatient health services. In addition to basic and general health services, Army medical centers provide regional specialty and sub-specialty consultative services.

and referral health services for the Army, as well as other Military Services and Federal agencies. Medical centers also provide the primary capabilities for care of casualties in the event of contingencies or mobilization and serve as the source of graduate, specialized, and technical training for health professionals and technicians.

INDIVIDUALS (600)

The Army has no major installations falling into this category.

IV. BASE OPERATIONS COSTS (BOS) COSTS FOR FY 1993

See TABLE V.

V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and to consolidate or eliminate functions in order to reduce base operations costs. The most visible efforts are the series of on-going BRAC actions to eliminate the bases which are excess. These actions were discussed in Section II.

In addition to the BRAC actions, the Army has initiated a facilities reduction program to help improve funds availability for maintaining remaining installation facilities. Therefore, in April 1991, the Army formally established reduction goals for its U.S. facilities.

The Facility Reduction Program includes three elements:

- Improved utilization of permanent facilities;
- Consolidation into the best facilities; and
- Disposal of the worst facilities.

Reduction targets have been disseminated to each of the MACOMs with major landholdings. Successful completion of the program will result in the disposal of 33.8 million square feet of facilities during FY92 - FY96, a reduction of 3%.

As an additional element of the program, MACOMs are required to dispose of one-square-foot of temporary facilities for each square-foot of new construction. This requirement begins in FY 1992 and attempts to limit growth in the facilities inventory. Most base realignment and closure and chemical demilitarization construction will not be included in this requirement.

Both DoD and the Army have initiated a series of management initiatives, many of which are directed at achieving savings in the operations of installations. Fully 20% of the Army savings from the Defense Management Report Decisions were taken from BASOPS accounts. These initiatives include:

- Consolidation of installation engineer functions into regional "public works" centers. All base units and activities will be required to pay directly for the space and services they receive and for their share of common grounds and facilities. The intent is to force users into more efficient use of facilities.
- Consolidation of commissaries into a DoD agency.
- Conversion of Army's installation detention facilities into DoD regional correctional facilities for all of the services and the closure of five Army facilities.
- Consolidation of printing functions and plants and their transfer to the Navy which will perform this function for all DoD services and agencies.
- Consolidation of budget spaces and functions from other directorates at installations into the Directorate for Resource Management.
- Consolidation of the Directorate of Reserve Component Support into the Directorate of Plans, Training, and Security.
- Consolidation of reenlistment functions at installations and elimination of civilian support personnel for this function.
- Consolidation of DCO offices at installations and streamlining their administrative support.
- Elimination of the Military Police functions of crime prevention and AWOL apprehension.

In another major initiative, the BASOPS support costs will be paid for directly by the units and activities on an installation vice the current means where the major activity is funded for and provides all support. Under the new system, each unit and activity would have funds for their BASOPS support included in their mission funding. They would be required to negotiate reimbursable support agreements with the installation but would have some choice in the level of service to which they subscribe and in the provider of the service. However, they will be required to subscribe and pay set fees for common grounds, facilities, and services.

This system will make the costs of providing facilities and services visible to both the customer and the provider and will provide incentives for the customers to conserve their usage and for the providers to provide efficient services or lose their customers.

Finally, Congress has authorized initiatives impacting installations which improve the provision of health care to all service members and which revitalize installation infrastructure. These initiatives involve:

- Consolidation of Defense Health Program resources from the services' operating budgets to a separate appropriation managed by the ASD (Health Affairs).
- Development of the Capital Investment Strategy (CIS), a zero-based, real property requirements analysis that examines management and construction alternatives to solve inadequacies and deficits, regardless of funds source, as part of an installation's master plan.

TABLE IV - SUMMARY OF ARMY INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
INTELLIGENCE AND COMMUNICATIONS (103)	1	0	0	1
GENERAL PURPOSE (202)	20	0	22	42
AIRLIFT/SEAFLIFT (204)	3	0	0	3
GUARD AND RESERVE (205)	10	1	0	11
INTELLIGENCE AND COMMUNICATIONS (303)	2	0	1	3
RESEARCH AND DEVELOPMENT (306)	13	0	0	13
GENERAL PURPOSE (402)	8	0	5	13
CENTRAL SUPPLY AND MAINTENANCE (507)	29	0	1	30
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	25	0	0	25
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	1	0	0	1
TOTAL ARMY	112	1	29	142

Installation Name	City	IDPFC	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
ALABAMA										
ANNISTON ARMY DEPOT	ANNISTON	507	2	47	4293	0	4340	15279	LOGISTICS DEPOT	
MCCLELLIAN, FORT	ANNISTON	508	1	6377	1423	C	7800	45679	MIL POLICE SCHOOL & TNG CTR	
REDSTONE ARSENAL	HUNTSVILLE	306	1	3299	12821	5098	21218	38235	ROCKET/GUIDED MSL, R&D, SCH&CT	
RUCKER, FORT	DALEVILLE	508	1	6532	3369	456	10357	60078	AVIATION CENTER & SCHOOL	
ALASKA										
GREENLY, FORT	DELTA JUNCTION	202	3	426	283	51	760	639086	R&D TEST CENTER (ARTIC TNG CT	
RICHARDSON, FORT	ANCHORAGE	202	1	4047	1278	151	5476	613229	172ND INFANTRY BRIGADE	
WAINWRIGHT, FORT	FAIRBANKS	202	1	5423	1044	173	6640	656232	172ND INFANTRY BRIGADE	
ARIZONA										
HUACHUCA, FORT	SIERRA VISTA	303	1	6591	3562	2159	12312	121449	COMM CMD&INTELLIGENCE SCH	
YUMA PROVING GROUND	YUMA	306	2	296	1090	704	2090	1009736	R & D TEST CENTER	
ARKANSAS										
CHAFFEE, FORT	FORT SMITH	205	2	326	763	21	1110	71773	91 R	RC & ACTIVE ARMY TNG
PINE BLUFF ARSENAL	PINE BLUFF	507	2	97	132	344	1673	14949	SM AVIATION/RC SUPPORT	
CALIFORNIA										
DEFENSE DEPOT, TRACY	TRACY	507	2	14	2819	0	2833	448	LOGISTICS DEPOT (DLA)	
HUNTER LIGGETT, FORT	JOLON	202	3	581	47	252	880	164762	DIV TNG-CDEC	
IRWIN, FORT	BARSTOW	202	1	4210	810	1234	6254	636308	NATIONAL TRAINING CENTER	
MONTEREY, PRESIDIO OF	MONTEREY	508	2	3628	1237	2	4867	392	DEFENSE LANGUAGE SCHOOL	
OAKLAND ARMY BASE	OAKLAND	204	2	213	1252	1080	2545	561	HARBOR & PORT	
ORD, FORT	SEASIDE	202	1	14306	2192	672	17170	28057	7TH INFANTRY DIVISION (MECH)	
SACRAMENTO ARMY DEPOT	SACRAMENTO	507	2	623	2627	237	3487	91 C	LOGISTICS DEPOT	
SAN FRANCISCO, PRESIDIO OF	SAN FRANCISCO	402	2	1585	2479	412	4476	91 C	HQ&ADMIN/LETTERMAN MED CTR	
SHARPE ARMY DEPOT	STOCKTON	507	1	75	1286	95	1456	88 C	LOGISTICS DEPOT (DLA)	
SIERRA ARMY DEPOT	HERLONG	507	2	380	638	52	1070	96430	LOGISTICS DEPOT	
COLORADO										
CARSON, FORT	COLORADO SPRGS	202	1	15868	2174	566	19608	137391	4TH INFANTRY DIVISION (MECH)	
FITZSIMONS ARMY MEDICAL CTR	AURORA	508	2	1694	1789	231	714	577	HEALTH CARE	
FUEBLO ARMY DEPOT ACTIVITY	FUEBLO	507	2	5	703	10	718	23124	LOGISTICS DEPOT	
DIST OF COLUMBIA										
MCNAIR, FORT LESLIE J.	WASHINGTON	508	2	841	1689	0	2530	98	NATIONAL DEFENSE UNIVERSITY	
WALTER REED ARMY MEDICAL CTR	WASHINGTON	508	1	3208	3832	516	7556	113	HEALTH CARE	

ARMY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	ID/PC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
GEORGIA										
BENNING, FORT	COLUMBUS	508	1	23781	4632	2949	31362	12138		THE INFANTRY CENTER & SCHOOL
GILLELM, FORT	FOREST PARK	402	2	1075	2590	145	3810	1427		SECOND ARMY HQ
GORDON, FORT	AUGUSTA	508	1	11167	3120	0	14287	56498		SIGNAL CENTER & SCHOOL
HUNTER ARMY AIRFIELD	SAVANNAH	202	2	3936	185	492	4613	5655		24TH INFANTRY DIVISION TNG
MCPHERSON, FORT	ATLANTA	402	2	1350	2422	356	4128	488		FORSOCOM HQ
STEWART, FORT	HINESVILLE	202	1	14508	2393	1719	18620	284381		24TH INFANTRY DIV (MECH)
HAWAII										
DERUSSY, FORT	HONOLULU	205	2	105	633	0	739	74		ARMY RESERVE HQ
SCHOFIELD BARRACKS MIL RES	WAHIAWA	202	1	14206	921	390	15517	14506		25TH INF DIV/WHEELER AAF
SHAFTER, FORT	HONOLULU	402	2	1185	2648	161	2994	590		HEADQUARTERS & ADMIN
TRIPILER ARMY MEDICAL CENTER	HONOLULU	508	2	1393	1072	20	2485	368		HEALTH CARE
ILLINOIS										
CHAS M. PRICE SUPPORT CTR	GRANITE CITY	402	3	61	205	255	521	752		COMMUNITY SUPPORT
ROCK ISLAND ARSENAL	ROCK ISLAND	507	1	479	6732	686	7897	913		R&D, PRODUCTION-TANK COMPONEN
SAVANNA ARMY DEPOT ACTIVITY	SAVANNA	507	2	20	573	13	606	13064		LOGISTICS DEPOT
SHERIDAN, FORT	HIGHLAND PARK	508	2	1140	1391	56	2587	694		RECRUITING COMMAND HQ
INDIANA										
CRANE ARMY AMMO ACT	CRANE	507	2	4	704	0	708	96430		NV WPS SUP PROD/RENOVATION
HARRISON, FT BENJAMIN	INDIANAPOLIS	508	1	3303	6346	311	10960	25014		US ARMY INST OF PERSONNEL MGT
JEFFERSON PROVING GROUND	MADISON	305	3	24	411	0	425	55273		R&D AMMO TEST CENTER
KANSAS										
LEAVENWORTH, FORT	LEAVENWORTH JUNCTION CITY	508	1	4510	2351	661	7522	6995		CMD & GENERAL STAFF COLLEGE
RILEY, FORT		202	1	15807	2295	509	18611	100655		1ST INFANTRY DIV (MECH)
KENTUCKY										
CAMPBELL, FORT	CLARKSVILLE	202	1	23183	2590	364	26137	36594		101ST AIRBORNE DIVISION
KNOX, FORT	LOUISVILLE	508	1	14900	4301	0	19201	109225		US ARMY TRAINING CENTER
LEXINGTON BLUEGRASS DEPOT	LEXINGTON	507	2	119	2090	5	2214	780		LOGISTICS DEPOT
LOUISIANA										
POLK, FORT	LEESVILLE	202	1	15572	2528	1629	19729	158259		5TH INFANTRY DIV (MECH)
MARYLAND										
ABERDEEN PROVING GROUND	ABERDEEN	306	1	5472	8935	2216	16623	72518		R&D TEST/ORDNANCE SCH&CTR
DETRICK, FORT	FREDERICK	306	2	891	3265	54	4210	1153		R&D ACTIVITIES

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDFPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
DMA HYDRO/TOPOGRAPHIC CTR	BROOKMONT	507	2	29	1291	1291	2611	400	91 R	PROD OF MAPS/CHARTS (DMA)
HARRY DIAMOND LABS	ADELPHI	306	2	55	1550	56	1661	1600	98 R	TEST SITE
HOLABIRD, FORT	BALTIMORE	402	2	20	608	0	628	94	88 R	CRIME RECORD/DEF INV SERVICE
MEADE, GEORGE G, FORT	ODENTON	402	1	7116	25790	0	32906	13751	88 R	HEADQUARTERS & ADMIN, NSA
RITCHIE, FORT	CASCADE	103	2	1122	1160	0	2282	642		COMMUNICATIONS
MASSACHUSETTS										
DEVENS, FORT	AYER	508	1	4822	1910	246	6978	11576	91 C	INTELLIGENCE TRAINING
USA MAT & MECH RESEARCH CTR	WATERTOWN	306	2	8	558	0	566	48	88 C	R&D ACTIVITIES
USA NATICK RSCH & DEV CTR	NATICK	306	2	153	1090	0	1243	81		R&D ACTIVITIES
MICHIGAN										
DETROIT ARSENAL	WARREN	306	1	314	5403	134	5361	368		R&D, PRODUCTION-TANKS
US ARMY GARRISON, SELFRISE	SELFRISE	507	2	763	328	150	1241	520		TACOM SUPPORT ACT
MISSOURI										
ST LOUIS / 7 MY AMMO PLT	ST LOUIS	507	2	8	521	0	529	26		PRODUCTION-PROJECTILES
WOOD, FORT LEONARD	JEFFERSON CITY	508	1	15594	2411	2691	20696	62911		US ARMY TRAINING CENTER
NEW JERSEY										
DIX, FORT	TRENTON	205	2	2958	1958	0	4916	31066	91 R	RES COMB TRAINING CTR
MIL OCEAN TERMINAL-BAYONNE	BAYONNE	204	2	179	1751	306	2236	679		HARBOR & PORT
MONMOUTH, FORT	RED BANK	305	1	2661	7897	0	10558	2105	91 R	R&D HEADQUARTERS
PICATINNY ARSENAL	DOVER	306	1	173	4966	182	5321	5491		R&D HEADQUARTERS
NEW MEXICO										
WHITE SANDS MISSILE RANGE	WHITE SANDS	306	1	1047	3632	2275	6954	1746720	91 R	R&D WEAPONS TEST CENTER
NEW YORK										
DRUM, FORT	WATERTOWN	205	1	10538	2117	279	12934	107665		RC & ACTIVE ARMY TNG
HAMILTON, FORT	BROOKLYN	205	2	538	316	0	854	177		ADMIN & LOGISTICAL SUPPORT
SENECA ARMY DEPOT	ROMULUS	507	2	637	962	57	1656	10630		LOGISTICS DEPOT
STEWART ANNEX	NEWBURGH	402	2	991	156	60	1207	403		HOUSING
WATERVLIET ARSENAL	WATERVLIET	507	2	12	2396	0	2408	142		R&D-ARTILLERY COMPONENT
WEST POINT MILITARY RES	WEST POINT	508	1	5421	2512	687	8620	14930		USMA-OFF ACQUISITION TNG
NORTH CAROLINA										
BRAGG, FORT	FAYETTEVILLE	202	1	42857	6114	1186	50157	142081		82ND AIRBORNE DIVISION
MIL OCEAN TERMINAL-SUNNY PT	SOUTHPORT	204	3	13	272	29	314	16324		HARBOR & PORT
OHIO										

Installation Name		City		IDPPC		Cat Code		Mil		Civ		Other		Tot		Total Acreage		BRAC Round		Major Unit-Activity Function	
DEF CONSTRUCTION SUPPLY CTR		COLUMBUS		507		2		30		2177		0		2207		566		ICP & LOGISTICS DEPOT (DLA)			
OKLAHOMA		MCALESTER ARMY AMMO PLT		MCALESTER		507		2		19		912		111		1042		44964		STORAGE-AMMO	
SILL, FORT		LAWTON		508		1		16671		2783		0		19454		94222		FID ARTILLERY CTR&SCH			
PENNSYLVANIA		CARLISLE BARRACKS		CARLISLE		508		2		576		645		276		1499		403		US ARMY WAR COLLEGE	
CHARLES E. KELLY SPT FAC		PITTSBURG		PITTSBURG		202		3		168		243		45		456		208		RESERVE COMPONENT SUPPORT	
DEFENSE PERSONNEL SUPPORT CT		PHILADELPHIA		507		2		119		4056		0		4185		86		PROC CLOTH/MED SUPS (DLA)			
INDIANTOWN GAP, FORT		ANNVILLE		205		2		593		677		69		1339		13		RC & ACTIVE ARMY TNG			
LETTERKENNY ARMY DEPOT		CHAMBERSBURG		507		1		352		4497		152		5001		19243		LOGISTICS DEPOT (DLA)			
NEW CUMBERLAND DEPOT		NEW CUMBERLAND		507		2		257		3492		45		3794		832		LOGISTICS DEPOT			
TOBYHANNA ARMY DEPOT		TOBYHANNA		507		2		47		3716		0		3763		1294		LOGISTICS DEPOT			
SOUTH CAROLINA		JACKSON, FORT		COLUMBIA		508		1		15522		2215		0		17737		52246		US ARMY TRAINING CENTER	
TENNESSEE		DEFENSE DEPOT, MEMPHIS		MEMPHIS		507		2		12		1699		0		1711		642		LOGISTICS DEPOT (DLA)	
TEXAS		EL PASO		EL PASO		508		1		16055		4486		137		20676		125300		AIR DEFENSE CENTER & SCHOOL	
BULLIS, FORT		SAN ANTONIO		SAN ANTONIO		205		3		1250		38		0		1288		27880		RESERVE COMPONENT TNG	
CORPUS CHRISTI ARMY DEPOT		CORPUS CHRISTI		507		2		40		3698		49		3787		5		34351		HELICOPTER MAINTENANCE	
HOOD, FORT		KILLEEN		202		1		30877		3474		0		0		217345		1ST CAVALRY/2ND ARMORED DIV			
FED RIVER ARMY DEPOT		TEXARKANA		507		2		53		4586		226		4865		19084		LOGISTICS DEPOT			
SAM HOUSTON, FORT		SAN ANTONIO		508		1		9560		4558		2214		16332		3150		MEDICAL TRAINING HQ			
UTAH		OGDEN		OGDEN		507		2		10		1458		0		1468		1326		LOGISTICS DEPOT (DLA)	
DUGWAY PROVING GROUND		DUGWAY		306		2		315		876		456		1647		802724		RED TEST CENTER			
STEVEN A. DOUGLAS, AFRC		SALT LAKE CITY		202		3		180		196		10		386		120		8229		RES. COMP SUPPORT	
TCOOLEE ARMY DEPOT		TOOELE		507		2		79		3292		33		3404		24735		LOGISTICS DEPOT			
VIRGINIA		BOWLING GREEN		205		3		112		228		0		340		76055		FC & ACTIVE ARMY TNG			
A.P. HILL, FORT		ALEXANDRIA		508		1		4832		7003		4		11839		8655		91 R		ENGINEER CENTER & SCH	
SELVOIR, FORT		ALEXANDRIA		507		2		326		3474		186		3986		168		88 C		HQ DEFENSE LOGISTICS AGENCY	
CAMERON STATION		RICHMOND		507		2		35		2794		0		2829		647		TCP & LOGISTICS DEPOT (DLA)			
DEF GENERAL SUPPLY CTR		NEWPORT NEWS		503		1		7540		2706		0		10246		8229		TRANSPORTATION CTR & SCHOOL			
EUSTIS, FORT		PETERSBURG		508		1		7594		4883		39		12516		5575		QUARTERMASTER CTR&SCH			

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
MONROE, FORT	HAMPTON	508	2	1033	2738	203	3974	570			
MYER, FORT	ARLINGTON	202	2	2805	188	0	2993	256			TRADOC HEADQUARTERS
PENTAGON RESERVATION	ARLINGTON	509	1	14020	16754	1032	31806	285			ADMIN & LOGISTICAL SUPPORT
EICKETT, FORT	BLACKSTONE	205	2	79	488	9	576	45160			PERSONNEL, FOB2, E/A, SWG (DOD)
STORY, FORT	VIRGINIA BEACH	202	2	1763	117	0	1880	1451			RC & ACTIVE ARMY TNG
VINT HILL FARMS STATION	WARRENTON	303	2	821	948	184	1953	701			AMPHIB & RC TRAINING
WASHINGTON											COMINT & INTELLIGENCE ACT
LEWIS, FORT	TACOMA	202	1	14721	4316	343	19380	86190			
WISCONSIN											97TH INFANTRY DIVISION
MCCOY, FORT	SPARTA	205	2	673	1232	369	2274	62689			RC & ACTIVE ARMY TNG

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
United States Territories and Possessions
September 30, 1951

Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
PUERTO RICO											
BUCHANAN, FORT	SAN JUAN	205	2	351	564	1097	1992	726			RESERVE COMPONENT TRAINING

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
BELGIUM										
80TH ASG	MONS	402	2	2079	600	1374	4053	1235		HQ/ADMIN
GERMANY, FEDERAL REP OF										
100TH ASG	GRAFENWOHR	202	1	13512	1712	5166	20390	114223		HQ/ADMIN
103RD ASG	FRANKFURT	202	1	13607	5771	6220	25598	4783		HQ/ADMIN
104TH ASG	HANAU	202	1	22998	3039	4206	30243	21781		HQ/ADMIN
106TH ASG	HEIDELBERG	202	1	18802	6032	11171	36005	18312		HQ/ADMIN
29TH ASG	KAISERSLAUTERN	202	1	11470	5138	10748	47356	12898		HQ/ADMIN
53RD ASG	BAD KREUZNACH	202	1	13340	1454	7924	22718	4764		HQ/ADMIN
543RD ASG	BREMERHAVEN	202	2	4194	762	2484	7440	906		HQ/ADMIN
54TH ASG	BRUNNSUM, NE	202	2	428	69	1062	1559	1524		HQ/ADMIN
57TH ASG	STUTTGART	402	1	7671	2326	2963	12960	4442		HQ/ADMIN
98TH ASG	WIENZBURG	202	1	14980	1310	3917	20207	23520		HQ/ADMIN
99TH ASG	NUERNBERG	202	1	18104	3323	5173	26600	22403		HQ/ADMIN
ARMED FORCES REC CENTER	GRAMMISCH	202	3	93	125	243	461	239		RECREATION
BERLIN	BERLIN	202	1	3271	3258	25	6554	2078		HQ/ADMIN
MUNICH	MUNICH	202	2	828	1521	733	3082	378		HQ/ADMIN
SETAF	ARGIROUPOLIS	202	3	80	15	138	233	8		HQ/ADMIN
ITALY										
22ND ASG	VICENZA	402	2	2879	645	908	4432	270		HQ/ADMIN
8TH ASG	LIVORNO	202	2	1066	193	662	1921	2872		HQ/ADMIN
JAPAN										
10TH ASG	TORII STATION	202	2	594	126	610	1330	1030		HQ/ADMIN
17TH ASG	CAMP ZAMA	402	2	913	855	2518	4286	2272		HQ/ADMIN
KOREA, REPUBLIC OF										
10TH ASG	CAMP HENRY	202	1	3374	456	5706	9536	3603		HQ/ADMIN
17TH ASG	CAMP HUMPHREYS	202	1	4413	84	1911	6408	1424		HQ/ADMIN
20TH ASG/AREA IV	YONGSAN	402	1	8090	1277	8972	18339	1719		HQ/ADMIN
23RD ASG/AREA III	CAMP RED CLOUD	202	1	19500	229	5814	25543	48260		HQ/ADMIN
NETHERLANDS										
54TH ASG	BRUNNSUM	202	3	1230	224	493	1947	26		HQ/ADMIN
PANAMA										
U.S. ARMY GARRISON, PANAMA	FORT CLAYTON	202	1	8595	3805	2601	15001	63443		HQ/ADMIN

DEPARTMENT OF DEFENSE
 ARMY BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	IDP2C	Cat. Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
TURKEY										
SETAF U.S. ARMY FIELD STATION	CAKMAKLI SINOP	202 303	3 3	342 25	24 1	307 0	673 26	83 382	IC/ADMIN COMMO	
UNITED KINGDOM	BURTONWOOD	507	3	39	34	765	856	1735	OTHER	
47TH ASG										

TABLE V

ARMY - BASE OPERATING SUPPORT COSTS-FY1993

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	1,645.5	12.9	1,113.4	2,771.8
Intell/Communications	31.0	-	-	31.0
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	350.3	4.5	-	354.8
Research & Development	413.9	4.9	-	418.8
Central Supply & Maintenance	361.5	-	-	361.5
Training, Medical, & Other General Purpose Activities	1,194.2	-	-	1,194.2
Administration & Assoc. Activities	111.4	-	-	111.4
Support to Other Nations	-	-	-	-
SUBTOTAL	4,107.8	22.3	1,113.4	5,243.5
Construction	1,095.1	52.8	37.2	1,185.1
Family Housing O&M	798.7	2.9	578.8	1,380.4
TOTAL	6,001.6	78.0	1,729.4	7,809.0

CHAPTER THREE

NAVY BASE STRUCTURE

I. INTRODUCTION

The Navy Base Structure Chapter is submitted in compliance with Section 115 of Title 10, United States Code. The Navy Chapter consists of an introduction and five sections. Section II, Base Structure Overview, discusses factors affecting the number and capabilities of Navy shore bases. Section III relates major Navy bases to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operating Support Costs, provides a summary table by major defense program of Base Operating Support costs. Section V discusses the Navy's continuing process for appraising base operating support costs. Section VI is a listing of installations defined as major, minor, or support activities which have plant accountability for land, structures, buildings or utilities. Major activities (Cat Code 1) are defined as: homeport locations of the operating forces with a minimum assigned strength (or equivalent) of a battlegroup, DESRON, SUBRON, PHIBRON, or six or more fleet air or land-based squadrons, and activities that provide depot-level maintenance to the operating forces. Minor activities (Cat Code 2) are defined as: RDT&E activities, training activities, hospitals, homeport locations of the operating forces with a lesser assigned strength than of a major activity. Support activities (Cat Code 3) are defined as all other naval activities with plant accountability which generally support a minimum of 300 DOD civilians.

Most bases listed in Section VI have multiple missions, although only primary mission descriptions are provided in this report. Personnel assigned to ships and aircraft squadrons, which are homeported or assigned at a given base, are included in Section VI personnel data.

II. BASE STRUCTURE OVERVIEW

National security policy requires that the United States maintain robust, capable naval forces to carry out the national military strategy. That strategy recognizes dramatic changes in the international security environment, and shifts the focus of military planning from global war to regional crisis. Under the new strategy, naval forces must provide forward presence throughout the world, respond to a broad range of regional crises, and deter strategic strikes against the United States. Additionally, the

Navy must be able to reconstitute forces to respond to shifts in the world's geopolitical climate.

These demands of the national military strategy drive Navy force structure. We must have forces that can remain deployed in forward areas to deter aggression, preserve regional balances, and engage with other countries in positive peacetime activities which promote international cooperation and regional security. In the event of regional crisis, we must be strong enough to deter conflict; and should deterrence fail, respond with decisive force. Our strategic forces must be able to deter potential adversaries who possess nuclear capabilities. We must retain the capacity to restore our force levels as necessary to meet global challenges.

The United States has developed a naval force with the mobility and infrastructure to support its international responsibilities. Forward deployed naval forces provide influence and access throughout the world. Their flexibility, responsiveness, and capability to operate in remote regions and without basing rights will become increasingly significant as overseas basing continues to draw down. The aircraft carrier battle groups, the amphibious ready group with embarked Marines, and their supporting warfare assets, proved the means of achieving essential political objectives, and are among our nation's principal military instruments for crisis response. Our SSBN force is the most cost-efficient, survivable element of the nation's strategic deterrence triad.

The Navy's basing plan must support our strategy and the force structure. We must be able to maintain supply lines to key areas in the world for both international commerce and crisis response to include sea lift in support of our air and ground forces. Additionally, we must maintain the facilities necessary to support a ready force, and the CONUS base structure must include provisions to support forces planned for reconstitution.

Of particular significance is the Navy's dependence on deep water ports and ranges (both air and sea). These assets form the basis for maintaining a well-trained, fully ready force. Navy coastal installations with deep water access are virtually irreplaceable, particularly in light of coastal land development pressures near existing harbors, and the physical challenges of building new man-made harbors in environmentally sensitive coastal regions. In like fashion, the Navy has been pressured to limit aviation operations at many bases and ranges because of increasing urbanization. Airspace itself has been encroached upon by other aviation growth and environmental concerns. In summary, the retention and optimization of critical, irreplaceable ocean access locations, ranges,

airspace, and other valuable resources are primary Navy base structure considerations.

The Navy base structure plans fully acknowledge reduced infrastructure requirements as the size of the fleet draws down. Steps are being actively taken to eliminate unnecessary redundancy and overlap, and realign and consolidate missions and functions where it makes sense to do so. Additionally, efforts are ongoing to look to other services to optimize infrastructure utilization, particularly infrastructure at strategic or irreplaceable sites.

In accordance with the Defense Base Closure and Realignment Act of 1990, the Navy will continue to review its base structure to ensure that the shore establishment is optimally aligned and properly sized to support the present and projected force structure. The 1988 and 1991 Commission reviews are complete; the remainder will take place in 1993 and 1995.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Maintaining the nation's maritime strength requires efficient utilization of our base structure to support a more sophisticated but smaller fleet. Bases are a key element in our support systems and require adequate maintenance and modernization. The base structure must be in proper balance with force structure.

In the context of our Maritime strategy, the Navy continues to aggressively review its base structure and its effectiveness in supporting the needed force structure.

A brief discussion of the missions and structure changes by installation Defense Planning and Programming Category is below. A summary of Navy installations is a TABLE VIII. A listing of the major activities within these categories follows.

STRATEGIC FORCES (100).

The Submarine Base, Bangor, Washington and the Submarine Base Kings Bay, Georgia provide the operational and logistic support for our strategic submarine forces.

GENERAL PURPOSE FORCES (200).

The fleet aircraft basing concept retains the minimum number of bases for programmed aircraft and collocates carrier-based tactical and carrier-based anti-submarine warfare

(ASW) aircraft. No new air bases are planned. Air bases receiving the F/A-18 aircraft and other air warfare weapon systems are being modernized through construction of new facilities but are not being expanded in acreage.

The Reserve Air Stations are being modernized for the Ready Reserve Air Squadrons which are now receiving "state-of-the-art" weapon systems. This is in contrast to the former practice of providing them systems being phased out of the regular Navy.
AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to exercise operational direction of naval forces. It ensures that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders receive sufficient, accurate, and timely information on which to base their decisions and have the means to communicate their decisions to the forces. World-wide ROTHR early warning system is currently under development. Emphasis is on modernization of the sensor systems to attain needed security, sensitivity, and immunity to electronic countermeasures.

MISSION SUPPORT FORCES (400)

Cruise missile forces have been introduced to distribute offensive striking power throughout the fleet. The Harpoon is designed for anti-ship strikes. The Tomahawk has the range to reach both ships and shore targets beyond the horizon. Additionally, anti-air capability has been enhanced by the introduction of the standard (SM-2) missile. These systems are being deployed at existing bases and require a modernization of maintenance and storage facilities.

Amphibious assault forces are receiving the Landing Craft, Air Cushioned (LCAC) vehicle. These forces are also receiving the LHD-1 multipurpose amphibious assault ship and the LSD-41 Cargo Variant ship to provide increased lift and dock-loading capability.

The Navy is also planning for the necessary support facilities to accommodate a new class of Fast Combat Support Ships (AOE) on both the east and west coast. These are logistic ships that provide replenishment at sea of petroleum, munitions, and provisions.

New generations of mine warfare ships are being anticipated in the 1990s. Mine Coastal Hunter (MCH) and Mine Countermeasures (MCM) ships will be principally concentrated at the Naval Station Ingleside, Texas.

The new weapon systems for the amphibious, logistic support, mine warfare, and the submarine communities are being deployed. These systems require modernization of logistic support ranging from the waterfront facilities for the ships and hangars for the aircraft to weapons supply and maintenance facilities.

CENTRAL SUPPORT FORCES (500)

The Bureau of Medicine, through a network of regional medical and dental centers, associated hospitals, and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries. Renewed emphasis has been placed on wartime medical readiness resulting in readiness being the driving factor in determining the size and composition of the medical care system.

The Naval Education and Training Command provides trained personnel to man and support the fleet. This includes recruit training, officer acquisition training, specialized skill training, flight training, and professional development education. The average age of the Training Command's facilities is 41 years. In the training function, which is characterized by high technological change of weapon systems used by the trainees in these facilities, modernization of the bases is required more frequently than in other support functions. This is being accomplished, as funding is provided, by modernizing facilities on existing bases.

INDIVIDUAL (600)

None.

IV. BASE OPERATIONS SUPPORT (BOS) COSTS FOR FY 1993

A summary of the estimated FY 1993 Base Operating Support Costs is at TABLE VII.

V. ACTIONS TO REDUCE BASE OPERATING SUPPORT (BOS) COSTS

Base Operating Support costs are directly related to the size of the shore bases which in turn are driven by the size of the operating forces they support. There is also a direct relationship between BOS funding levels and a shore base's readiness. i.e., its ability to support the operating forces.

As discussed in Section II, various Defense Base Closure and Realignment Commissions

have and will make decisions to reduce the size of the Navy's base structure. Their reductions, of course, will result in a decrease in the requirement for BOS expenditures.

The Navy developed a program, the Shore Facilities Life Extension Program (Shore FLEP), to prioritize the resources used to maintain and improve its shore infrastructure. This concept of programming and executing Maintenance of Real Property (MRP) and Replacement/Modernization MILCON ties facility condition to mission readiness. The accurate measurement of shore station readiness has also been enhanced through an expansion of the Navy's Base Readiness Reporting (BASEREP) System.

Other major programs to improve shore base management and thereby reduce BOS costs are as follows:

1. Study in-house commercial activities with a view toward conversion to contract where economically justified. Since FY79, studies have been conducted on approximately 29,000 positions. Of those, about 47% were converted to contract. Of the 15,000 positions remaining in-house, a reduction of 2,849 people has been achieved, or an average reduction of 18 percent.
2. Reduce costs through application of more energy efficient facilities and systems throughout the support establishment and operating forces. The Navy-wide goal is to reduce facility energy consumption per square foot by 12 percent (measured from a FY85 baseline) at Navy Shore Bases by the end of FY95. As of the third quarter FY90, the Navy's actual energy consumption reduction of 8.47 percent is ahead of the third quarter FY90 goal of 5.7 percent.

TABLE VI - SUMMARY OF NAVY INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	16	2	7	25
GUARD AND RESERVE (205)	6	0	0	6
INTELLIGENCE AND COMMUNICATIONS (303)	11	1	5	17
RESEARCH AND DEVELOPMENT (306)	16	0	0	16
GENERAL PURPOSE (402)	25	1	7	33
CENTRAL SUPPLY AND MAINTENANCE (507)	29	1	3	33
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	29	0	1	30
TOTAL NAVY	132	5	23	160

Installation Name	City	IDPPC	Cat.	Code	Mil.	Civ	Other	Tot	Total Acres	BRAC Round	Major Unit-Activity Function
ALABAMA											
NAVAL STATION MOBILE	MOBILE	402	2	295	80	10	385	100	100		HOMEPORT
ALASKA	ADAK	202	2	2055	204	0	2259	61000			PATROL AIRCRAFT
CALIFORNIA											
FLEET ASW TRAINING CTR, PAC	SAN DIEGO	508	2	2187	98	0	2285	37			ASW TRAINING
FLEET COMBAT TNG CTR, PAC	SAN DIEGO	508	2	770	231	179	1280	91			SPECIALIZED TRAINING
LONG BEACH NAVAL SHIPYARD	LONG BEACH	507	1	2336	4217	72	6625	350			SHIP ALTERATION&REPAIR
MARE ISLAND NAVAL SHIPYARD	VALLEJO	507	2	3509	6977	478	10964	5621			SHIP FILTERATION&REPAIR
NAS, ALAMEDA	ALAMEDA	202	1	18597	3708	508	22813	2616			SUPPORT AIRCRAFT, NARF
NAS, LEMOORE	LEMOORE	202	1	5030	774	992	6796	39173			ATTACK AIRCRAFT
NAS, MIRAMAR	SAN DIEGO	202	1	11906	1076	295	13279	23420			FIGHTER & ATTACK AIRCRAFT
NAS, MOFFETT FIELD	MOFFETT FIELD	202	1	4685	845	90	5618	3919			AREA COORDINATOR
NAS, NORTH ISLAND	SAN DIEGO	202	1	26112	1952	842	28906	47864			EARLY WARNING&ASW AIRCFT, NAR
NAV CONST BN CTR, PT HUENEME	PORT HUENEME	402	3	4205	4741	279	9225	2407			CONSTRUCTION FORCE SUPPORT
NAV ELECTRONIC SYS ENG CTR	SAN DIEGO	305	2	33	678	162	873	3			R&D-ELECTRONICS
NAV SUB BASE, SAN DIEGO	SAN DIEGO	402	1	6258	474	45	6777	314			SUBMARINE FORCE SUPPORT
NAV WEAPONS STA, SEAL BEACH	SEAL BEACH	507	3	401	3667	1921	5989	13980			ORDNANCE SUPPORT
NAVAL AIR FAC, EL CENTRO	EL CENTRO	202	2	379	77	261	717	63137			FLEET AIR TRAINING SUPPORT
NAVAL AMPHIB BASE, CORONADO	SAN DIEGO	402	2	5042	447	336	5525	1095			AMPHIBIOUS WARFARE TRAINING
NAVAL AVIATION DEPOT ALAMEDA	ALAMEDA	507	2	30	3881	0	3911	10			AIRCRAFT MAINTENANCE
NAVAL AVIATION DEPOT NO. 1SL	NORTH ISLAND	507	2	30	4335	0	4365	10			AIRCRAFT MAINTENANCE
NAVAL COMM STA, SAN DIEGO	SAN DIEGO	303	3	465	109	0	574	622			COMMUNICATIONS
NAVAL COMM STA, STOCKTON	STOCKTON	303	3	220	790	63	1073	2788			COMMUNICATIONS
NAVAL HOSP, CAMP PENDLETON	CAMP PENDLETON	506	2	840	393	139	1372	187			HEALTH CARE
NAVAL HOSPITAL, SAN DIEGO	SAN DIEGO	508	2	3921	1174	212	5307	121			HEALTH CARE
NAVAL HOSPITAL, OAKLAND	OAKLAND	508	2	1864	666	153	2683	183			HEALTH CARE
NAVAL OCEAN SYSTEMS CENTER	SAN DIEGO	306	2	351	3684	760	4795	3890			OCEAN SYS R & D
NAVAL POSTGRADUATE SCHOOL	MONTEREY	508	2	2440	1357	23	3820	619			PROFESSIONAL DEVELOPMENT TNG
NAVAL STATION TREASURE ISL.	SAN FRANCISCO	402	2	2557	806	63	3426	1931			FLT&SHORE ESTABLISHMENT SPT
NAVAL STATION, MARE ISLAND	VALLEJO	402	2	4090	415	0	4505	500			LOGISTIC SUPPORT
NAVAL STATION, SAN DIEGO	SAN DIEGO	402	1	29119	5497	762	35378	1510			OPERATING BASE
NAVAL SUPPLY CTR, OAKLAND	OAKLAND	507	3	1978	4815	0	6793	1133			SUPPLY SUPPORT
NAVAL SUPPLY CTR, SAN DIEGO	SAN DIEGO	507	3	450	1470	42	1962	849			SUPPLY DEPOT
NAVAL TNG CTR, SAN DIEGO	SAN DIEGO	508	2	10378	611	251	11240	546			RECRUIT & SKILL TRAINING
NAVAL WEAPONS CTR, CHINA LAKE	CHINA LAKE	306	3	1138	5251	3066	9455	1127266	91 R		AIR WARFARE&MISSILE SYSTEMS
NAVAL WEAPONS STA, CONCORD	CONCORD	507	3	2557	1487	129	4173	13023			WEAPONS PRODUCTION
NAVSTA, LONG BEACH	LONG BEACH	402	1	14016	1523	141	15680	1351	91 C		FLEET & SHORE SUPPORT
PACIFIC MISSILE TEST CENTER	PT MOGU	306	1	2953	4661	3528	11142	27093	91 R		RDG& AIR LAUNCHED WEAPONS
CONNECTICUT											
NAVAL SUB BASE, NEW LONDON	GROTON	402	1	10866	1131	653	12644	1394			SUBMARINE FORCES SUPPORT

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States
September 30, 1991

September 30, 1991

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDP/C	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
KENTUCKY										
NAV ORDNANCE STA, LOUISVILLE	LOUISVILLE	507	3	11	2579	192	2782	150	91 R	ORDNANCE SUPPORT
LOUISIANA										
NAS, NEW ORLEANS	NEW ORLEANS	205	2	1274	590	101	1965	4921		RESERVE AIR TRAINING
MAINE										
NAS, BRUNSWICK NAV SECURITY GROUP ACT	BRUNSWICK WINTER HARBOR	202	1	3114	451	97	3662	8742		PATROL AIRCRAFT COMMUNICATIONS
MARYLAND										
D W TAYLOR NAV SHIP R&D CTR NAV AIR TEST CTR, PAX RIVER NAV ELECTRONIC SYS ENGR ACT NAV ORDNANCE STA, INIGOES NAV SURFACE WEAPONS CTR NAVAL COMM UNIT, WASHINGTON NAVAL MEDICAL COMMAND-NCR US NAVAL ACADEMY	BETHESDA PATUXANT RIVER ST INIGOES INDIAN HEAD SILVER SPRING CHELTENHAM BETHESDA ANNAPOLIS	306	2	71	2824	55	2950	327		P&D-SHIP TECHNOLOGY T-6E AIRCRAFT SYSTEMS T-6E ELECTRONICS SYSTEMS SOLID PROPELLENTS RED-NAVAL WEAPONS COMMUNICATIONS HEALTH CARE OFFICER ACQUISITION TRAINING
MASSACHUSETTS										
NAS, SOUTH WEYMOUTH	SOUTH WEYMOUTH	205	2	907	202	2	1111	2250		RESERVE AIR TRAINING
MISSISSIPPI										
NAS, MERIDIAN NAV CONST BN CTR, GULFPORT NAVAL OCEANOGRAPHIC OFFICE NAVAL STATION PASCAGUA, MS	MERIDIAN GULFPORT BAY ST LOUIS PASCAGUA	508	2	2483	373	624	3480	13507		FLIGHT TRAINING CONSTRUCTION FORCE SUPPORT NAVAL OCEANOGRAPHIC ACTIVITI
NEVADA										
NAS, FALLOON	FALLOON	202	2	987	299	720	2006	141059		ATTACK AIRCRAFT TRAINING
NEW HAMPSH.RE										
PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	507	1	879	7241	147	8267	297		SHIP CONSTRUCTION & REPAIR
NEW JERSEY										
NAVAL AIR ENG CTR, LAKEHURST NAVAL AIR PROPULSION CENTER NAVAL WEAPONS STA, EARLIE	LAKEHURST TRENTON COLTS NECK	306	2	475	2473	351	3297	7412		AIRCRAFT LAUNCH/RECOVERY SYS ENGINE TIE ACTIVITIES ORDNANCE SUPPORT

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
NEW YORK										
NAVAL STATION NEW YORK	STAT IS/BKLYN	402	2	964	1233	67	2264	141		NAVAL STATION/BKLYN TO CLOSE
NORTH CAROLINA										
CAMP LEJEUNE NAVAL HOSPITAL	JACKSONVILLE	508	2	846	376	140	1362	10		HEALTH CARE
NAVAL AVIATION DEPOT CHERRY	CHERRY POINT	507	2	30	3970	0	4000	10		AIRCRAFT MAINTENANCE
OHIO										
DEFENSE FIN + ACCT CTR	CLEVELAND	402	3	114	1531	6	1651	36		ADMIN SUPPORT-FINANCE
PENNSYLVANIA										
NAS, WILLOW GROVE	WILLOW GROVE	205	2	1501	826	14	2341	967		RESERVE AIR TRAINING
NAVAL AIR DEVELOPMENT CENTER	WARMINSTER	306	3	256	2580	481	3317	921		AIRCRAFT TECHNOLOGY
NAVAL HOSPITAL, PHILADELPHIA	PHILADELPHIA	508	2	420	394	31	845	48		HEALTH CARE
NAVAL STATION PHILADELPHIA	PHILADELPHIA	402	2	1040	1616	98	2754	522		SHIP SUPPORT
NAVY AVIATION SUPPLY OFFICE	PHILADELPHIA	507	3	115	5332	229	5676	135		NAVAL AVIATION SUPPLY&DLA IC
NAVY SHIPS PARTS CONTROL CTR	MECHANICSBURG	5C7	3	164	6537	214	6915	857		INVENTORY CONTROL POINT
PHILADELPHIA NAVAL SHIPYARD	PHILADELPHIA	507	1	7812	9623	750	18165	904		SHIP BLDG & REPAIR
RHODE ISLAND										
NAV EDUCATION & TRAINING CTR	NEWPORT	508	2	6655	1299	293	8247	1199		OFF INDOCTRIN & SKILL TNG
NAVAL UNDER WATER SYS CTR	NEWPORT	306	2	174	3732	3744	7650	371		UNDERSEA WARFARE R&D
SOUTH CAROLINA										
BEAUFORT NAVAL HOSPITAL	BEAUFORT	508	2	413	171	50	634	10		HEALTH CARE
CHARLESTON NAVAL SHIPYARD	CHARLESTON	507	1	58	7300	421	7779	1923		SHIP/SUB REPAIR
NAV WEAPONS STA, CHARLESTON	CHARLESTON	507	3	5351	1660	831	7892	17480		WEAPONS SYSTEMS SUPPORT
NAVAL STATION CHARLESTON	CHARLESTON	402	1	22080	4491	0	26571	899		OPERATING BASE
TENNESSEE										
NAS, MEMPHIS	MILLINGTON	508	2	8332	1090	566	9995	3499		SKILL TRAINING
NAVAL HOSPITAL, MILLINGTON	MILLINGTON	5C8	2	525	139	63	727	38		HEALTH CARE
TEXAS										
NAS, CHASE FIELD	BEEVILLE	508	2	835	319	528	1632	9633		FLIGHT TRAINING
NAS, CORPUS CHRISTI	CORPUS CHRISTI	508	2	2348	4834	642	7824	4400		FLIGHT TRAINING
DALLAS	DALLAS	205	2	3934	506	36	4476	799		RESERVE AIR TRAINING
KINGSVILLE	KINGSVILLE	508	2	853	296	639	1788	5582		FLIGHT TRAINING
INGLESIDE	INGLESIDE	402	2	1570	100	0	1670	100		NAVAL STATION

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
VIRGINIA											
FLEET COMBAT TNG CTR, LANT	VIRGINIA BEACH	508	2	4817	675	85	5577	1038			SPECIALIZED TRAINING
NAS, NORFOLK	NORFOLK	202	1	9145	6588	410	16143	1386			EARLY WARN/ASW AIRCFT, NARF
NAS, OCEANA	VIRGINIA BEACH	202	1	9748	771	396	10915	15180			FIGHTER & ATTACK AIRCRAFT
NAV AMPHIB BASE LITTLE CREEK	NORFOLK	402	1	11747	1082	464	13293	11808			AMPHIBIOUS WARFARE SUPPORT
NAV SECURITY GRP ACT	CHESAPEAKE	303	3	1303	122	61	1486	4118			COMMUNICATIONS
NAVAL AVIATION DEPOT NORFOLK	NORFOLK	507	2	270	4128	0	4398	4398			AIRCRAFT MAINTENANCE
NAVAL HOSPITAL, PORTSMOUTH	PORTSMOUTH	508	2	2338	1455	548	4342	110			HEALTH CARE
NAVAL STATION, NORFOLK	NORFOLK	402	1	54251	11005	362	65618	181			OPERATING BASE
NAVAL SURFACE WEAPONS CTR	DAHLGREN	306	2	672	3546	413	4631	4320			RDGTE-ORDNANCE TECHNOLOGY
NAVAL WEAPONS STA, YORKTOWN	YORKTOWN	507	3	1056	2067	430	3553	10624			ORDNANCE SUPPORT
NAVCOMM AREA MASTER STA LANT	NORFOLK	303	3	351	109	0	466	1474			COMMUNICATIONS
NORFOLK NAVAL SHIPYARD	PORTSMOUTH	507	2	720	13517	1665	15902	1340			SHIP ALTERATIONS & REPAIR
WASHINGTON											
NAS, WHIDBEY ISLAND	OAK HARBOR	202	1	8431	797	641	9869	70998			ATTACK/ELEC WARFARE AIRCRAFT
NAV STRATEGIC WEAPON FAC PAC	BREMERTON	507	3	115	352	303	770	0			ORDNANCE SUPPORT
NAV UNDERSEA WARFARE ENG STA	KEYPORT	507	3	313	3679	1538	5530	4939			UNDERWATER WEAPONS SUPPORT
NAVAL STATION, PUGET SOUND	SEATTLE/EVERETT	402	2	1401	1698	110	3209	271	*		FLT SPT\SEATTLE TO CLOSE
NAVAL SUBMARINE BASE, BANGOR	BANGOR	402	1	5845	1831	1291	8967	6691			SUBMARINE BASE
PUGET SOUND NAVAL SHIPYARD	BREMERTON	507	1	5316	24662	316	30294	1392			SHIP ALTERATION & REPAIR

* Naval Station Puget Sound comprises locations at Seattle (Sand Point) and Everett. The Seattle location was identified for partial closure by the 1988 Commission, changed to total closure by the 1991 Commission.

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 United States Territories and Possessions
 September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
<hr/>										
GUAM										
NAS, AGANA NAVAL SHIP REPAIR FAC, GUAM NAVAL STATION, GUAM	AGANA, GUAM AGANA, GUAM AGANA, GUAM	202 567 402	2 1 2	2920 133 70221	391 936 4756	0 14 138	3311 1093 75115	16080 183 0		PATROL FLEET WAREARE AIRCRAFT FLEET MAINTENANCE FLEET SUPPORT
PUERTO RICO										
NAVSTA, ROOSEVELT ROAD SECURITY GROUP PUERTO RICO	ROOSEVELT RDS SABANA SECA	202 303	2 3	3409 368	894 97	971 0	5274 465	32161 2618		OPERATING BASE SECURITY GROUP

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
Used by U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
AUSTRALIA										
NAV COMSTA, HAROLD E HOLT	EXMOUTH	303	3	364	169	1	534	18155		COMMUNICATIONS/END OPS
BERMUDA										
NAVAL AIR STATION, BERMUDA	BERMUDA	202	2	1156	382	30	1562	1453		PATROL AIRCRAFT/REDUCE OPS
CANADA										
NAVAL FACILITY, ARGENTIA	ARGENTIA, N LAND	303	3	474	143	104	721	9066		OCEAN RESEARCH/REDUCE OPS
CUBA										
NAV STATION, GUANTANAMO BAY	GUANTANAMO BAY	202	2	2484	816	483	3783	28817		OPERATING BASE
DIEGO GARCIA										
NAVAL SUPPORT FACILITY	DIEGO GARCIA	402	3	1492	59	1786	3337	7000		SUPPORT ACTIVITIES
ICELAND										
NAVAL STATION, KEFLAVIK	KEFLAVIK	202	1	3452	921	99	4472	23339		FILT SUPPORT/PATROL AIRCRAFT
ITALY										
NAVAL AIR STATION, SICONELLA	SICONELLA	202	1	2934	587	542	4063	651		FLEET SUPPORT/AIRCRAFT
NAVAL SUPPORT ACTIVITY	NAPLES	402	3	4079	962	91	5132	177		FLEET SUPPORT/HOSP
JAPAN										
NAV COMM STA, JAPAN	YOKOSUKA	303	3	597	156	81	834	1157		COMMUNICATIONS
NAV FLEET ACTIVITIES, SASSEBO	SASSEBO	507	2	2771	2850	1139	6760	8386		ORDNANCE SUPPORT
NAV FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	402	1	9381	340	0	9721	3400		FLEET SUPPORT
NAV SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	507	1	29	1819	0	1848	0		FLEET MAINTENANCE
NAVAL AIR FACILITY, ATSUGI	ATSUGI	202	2	2845	790	80	3715	1771		RECONNAISSANCE AIRCRAFT
NAVAL HOSPITAL OKINAWA	CHATAN	508	2	643	108	0	751	0		HEALTH CARE
PANAMA										
NAV SECURITY GP ACT, PANAMA	GALETA ISLAND	303	3	343	38	0	381	707		COMMUNICATIONS
NAVAL STATION, PANAMA CANAL	RODMAN	402	3	992	379	113	1484	3166		OPERATING BASE
PHILIPPINES										
NAV SHIP REPAIR FAC, SUBIC B	SUBIC BAY	507	1	122	1576	0	4698	0		FLEET MAINTENANCE
NAVAL SHIP REPAIR FAC, CUBI	SUBIC BAY	202	2	2972	828	32	3832	0		ATTACK/ASW AIRCRAFT
NAVAL SHIP REPAIR FAC, SUBIC	SUBIC BAY	402	1	3496	1653	0	5149	15000		NAVAL STATION/TO CLOSE 92

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
Used by U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IDPPC	Code	Cat	Code	Mil	Civ	Other	Tot	Total	Acreage	BRAC	Round	BRAC	Major Unit-Activity Function
SPAIN															
NAVAL STATION, ROTA	ROTA	202	2	3435	1272	70	4777		6776						OPS/AIR BASE/REDUCE OPS
UNITED KINGDOM															
NAVAL ACTIVITIES, U.K.	LONDON	402	3	1266	305	27	1598								
NAVAL SECURITY GP ACT, EDTEL	EDZELL, SCOTLAND	303	3	833	202	32	1067								FLEET, SHORE ESTAB. SUPPORT
NAVAL SUPPORT ACT, SCOTLAND	HOLY LOCH	402	3	1970	72	1	2043								COMMUNICATIONS
															FLEET SUPPORT/END OPS

TABLE VII
NAVY - BASE OPERATING SUPPORT COSTS - FY1993
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	132.5	-	-	132.5
General Purpose Forces	941.2	130.1	571.0	1,642.3
Intell/Communications	83.7	7.1	25.3	116.1
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	225.3	-	-	225.3
Research & Development	776.8	-	-	776.8
Central Supply & Maintenance	4,000.7	86.4	412.2	4,499.3
Training, Medical, & Other General Purpose Activities	454.0	-	6.3	460.3
Administration & Assoc. Activities	179.0	-	-	179.0
Support to Other Nations	-	-	-	-
SUBTOTAL	6,793.2	223.6	1,614.8	8,031.6
Construction	367.2	43.4	12.5	428.1
Family Housing O&M	405.7	82.2	109.4	597.3
TOTAL	7,566.1	354.2	1,136.7	9,057.0

* Financial data reflects change in OM&N Research & Development to Military Construction as of FY93 Budget.

CHAPTER FOUR

AIR FORCE BASE STRUCTURE

I. INTRODUCTION

The Air Force Base Structure Chapter to the DoD Base Structure Report for FY 93 is submitted in accordance with Section 115, Title 10, United States Code. Section I describes the criteria used by the Air Force to determine its base structure. Section II discusses historical data on base structure and describes the criteria used by the Air Force to determine its base structure. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 93 force structure and their impact on the base structure are also described in Section III. Section IV details projected FY 93 Air Force base operating costs. Section V summarizes major actions taken and alternatives being pursued to reduce base operating costs. Finally, Section VI contains a summary and listing of all Air Force major and minor Air Force installations.

During 1986 the Air Force reclassified its bases into four categories: major installations, minor installations, support sites, and other activities.

The primary reason for the reclassification effort was to update and describe accurately the Air Force's actual installation posture. The previous system categorized all Air Force properties as either major or minor installations. Clearly many of these properties were not "installations" and should not have been reported as such. With the Air Force's broad spectrum of roles, missions, and organizations of varying sizes, two categories did not accurately describe the Air Force structure. The four new categories are explained below.

1. A major installation is a self-supporting center of operations for Air Force combat, combat support, or training. To qualify as a major installation, an activity must satisfy all of the following criteria:

- a) Be operated by an Active, Guard, or Reserve unit of wing size or larger.
- b) Have all the organic support to accomplish the unit mission. For example, a major flying organization has the organic maintenance to support its aircraft and the organic base support structure to manage resources and maintain facilities.

c) Have real property accountability through ownership, lease, permit, or other written agreement for all real estate and facilities necessary to conduct the unit's assigned mission. Agreements with foreign governments or Federal, State or local agencies, which give the Air Force jurisdiction over real property meet this requirement. In the case of Guard or Reserve units at civil airports, shared use agreements (as opposed to joint use agreements where the military owns the runway) normally do not give the Air Force exclusion control over runways, taxiways, etc., and therefore, do not meet the criteria to be a major installation.

2. Minor installations are facilities operated by Active, Guard, or Reserve units of at least squadron size that do not satisfy all the criteria for a major installation. Examples of minor installations are Guard or Reserve squadron flying operations that are located at civilian controlled airports. These are smaller operations compared to active organizations where the Air Force owns and controls the runways and requires larger support operations for a permanent base population.

3. Support sites and other activities.* A support site is a detached piece of real property operated by an Active, Reserve, or Guard component that provides general support to the Air Force mission as opposed to supporting a particular installation. Examples of support sites are missile tracking sites; radar bomb scoring sites; Air Force-owned, contractor-operated plants; and radio relay sites. Other activities include Air Force units that have little or no real property accountability over the real estate they occupy. Examples include Active, Guard, or Reserve Air Force units that are located on installations belonging to other services or leased office space that supports recruiting detachments, Office of Special Investigations Detachments, etc.

In conclusion, the Air Force classification system is designed to accurately describe Air Force installation posture. Major installations are self-supporting centers of operations. Minor installations are smaller operations with a squadron or larger presence. Support sites are detached entities that provide generalized support to the Air

* For the purpose of this report, Air Force categories 3 and 4 have been combined into DOD category 4. This more closely aligns Air Force base categories with the other Services and gives a more representative picture of DOD's base structure where significant numbers of personnel are assigned.

Force functions that have little or no real property accountability. To place these categories in FY 93 context, the Air Force possesses a total of 242 installations: 121 major and 121 minor. There are also numerous smaller support sites and other activities not listed in this report. A summary of the Air Force base structure is at TABLE X. The list of installations follows.

II. BASE STRUCTURE OVERVIEW

The Air Force base structure is intended to optimally support its force structure, support the training of the personnel required to man that force structure, support the maintenance of that force structure, and support the research and development necessary to modernize that force structure. A combination of threat and commitment to allies drives a balance of domestic and overseas bases.

In the past, the array of domestic bases was determined by a variety of factors such as survivability, dispersion, proximity to and unencroached access to training airspace and ranges, suitable weather, and adequate base infrastructure. As the Air Force looks to the future and a leaner, more capable force structure, it is compelled to close and realign bases. It must insure that the potential for limitations such as encroachment and airspace congestion are minimized at our remaining bases. Likewise, locations or regions where there is a greater potential for future airspace/range expansion must be optimized. Consequently, bases selected for closure should generally be those with the least flexibility to absorb future requirements, and the least potential to accommodate additional or new missions.

MAJOR CONSIDERATIONS AND CRITERIA:

Selecting Air Force bases to close because of reductions in force structure is an extremely difficult task. All of our bases suit their current purposes and are in good physical condition. Most have had substantial amounts of construction or renovation on them during the last decade as we strove to provide high quality facilities for our people to work and live in.

Following the Defense Base Closure and Realignment Act of 1990 (P.L. 101-510), and OSD guidance, the Air Force developed a structured process that would treat all bases equally, without regard to past studies or announcements. The basis for selection was the DoD Force Structure Plan submitted to Congress by the Secretary of Defense, and the eight DoD selection criteria approved by the Secretary:

I Current and future mission requirements and the impact on operational readiness of the DOD's total force.

II Availability and condition of land facilities and associated airspace at both the existing and potential receiving locations.

III The ability to accommodate contingency, mobilization, and future force requirements at both the existing and potential receiving locations.

IV The cost and manpower implications.

V The extent and timing of potential cost savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs.

VI The economic impact on communities.

VII The ability of both the existing and potential receiving communities infrastructure to support forces, missions and personnel.

VIII The environmental impact.

PROCESS: The Secretary of the Air Force appointed a Base Closure Executive Group (BCEG) of general officers and comparable (SES-level) career civilians. Areas of expertise included environment; facilities and construction; finance; law; logistics; operations; personnel and training; and research, development and acquisition. Directors of Plans and Programs from the Major Commands (MAJCOMS) served as advisors to the group. Senior officers from the Air Reserve Component participated as appropriate. A working group of senior experts was established to provide staff support.

The BCEG reviewed all bases, active and reserve components, with more than 300 civilians authorized to be employed. Data on all such bases in the United States were collected on a standard questionnaire directly from the bases, with validation by MAJCOMS and Air Staff and with the assistance of an Air Force Audit Agency representative.

Expanded Criteria

Criterion I -- CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF THE DOD'S TOTAL FORCE. Considered the force structure and the base's effectiveness in accomplishing both the current mission, as well as

potential future Air Force missions. This was done by measuring how its geographic location, proximity to training areas and special use airspace support/enhance the missions. Additionally, existing and future associated air space availability and encroachment issues were identified.

Criterion II -- AVAILABILITY AND CONDITION OF LAND, FACILITIES AND ASSOCIATED AIRSPACE AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATIONS. Considered the condition and capacity of existing facilities, and required replication of unique facilities. This criteria also considered existing and future community ground encroachment.

Criterion III -- THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATIONS. Considered capacities of the aerodrome and installation infrastructure to meet different Air Force mission requirements during mobilization or contingency actions. This criteria also considered the installation's ability to execute future missions/requirements (focus on the installation's infrastructure capability).

Criterion IV -- THE COST AND MANPOWER IMPLICATIONS. Considered one- time closure costs, savings derived over a 20-year period, recurring savings, and support manpower spaces eliminated by closing the base.

Criterion V -- THE EXTENT AND TIMING OF POTENTIAL COST SAVINGS, INCLUDING THE NUMBER OF YEARS, BEGINNING WITH THE DATE OF COMPLETION OF THE CLOSURE OR REALIGNMENT, FOR THE SAVINGS TO EXCEED THE COSTS. Considered investment payback in years elapsed from closure to payback.

Criterion VI -- THE ECONOMIC IMPACT ON COMMUNITIES. Considered the effects on the community resulting from the potential loss of employment, population, and income. This criteria also considered the effect of the closure on the operating revenues of the local government, as well as providing an estimate for the length of time required to accomplish an Installation Restoration Program.

Criterion VII -- THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL. Considered a variety of off-base community infrastructure support factors. These factors include off-base housing, public transportation, recreation and shopping facilities, crime rate, educational programs, spousal employment, and medical care.

Criterion VIII -- THE ENVIRONMENTAL IMPACT. An assessment of existing conditions for decision making. Considered air quality; adequacy and quality of the regional water supply; hazardous materials and solid/hazardous waste; biological and cultural constraints; type and quality of the area geology and soils.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Force programming is dynamic and subject to many variables and revisions. Basing is closely tied to force posture and, thus, is also dynamic. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and strategy, the continuing impact of resource management efforts, and national political adjustment. Each change in force posture has the potential to cause additional base adjustments in training and logistical support areas. Thus, Air Force base structure may only be defined within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, would require adjustments in the existing CONUS base structure. Timing of the expansion of a weapon system influences bases selection, as do changes in force size and deployment concepts. In addition, base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics, operational support, and training requirements.

The ability to attain and maintain an operational posture which will ensure national security and support legitimate international commitments continues to be a prime objective in Air Force deployment decisions. Base selection and development must not only support employment plans for major weapon systems (along with their required combat support capabilities), they must also provide for training requirements generated by those systems. This development must also consider related test and development activities, adequate personnel, logistics, and communications support.

The Air Force places considerable emphasis on attaining maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended on direct combat capability. Review of the base structure is continually ongoing to identify installations whose closure might result in resource savings without impacting combat capability.

Since each mission category has its own unique operational and training requirements which dictate Air Force base structure, each will be discussed separately. Specific major installations falling into each mission category, generally referred to as the IDPPC, are listed in Section VI.

- Basing Requirements - Strategic Offense

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize survivability of the force. For example, USAF intercontinental ballistic missiles (ICBMs) require sufficient area for adequate dispersal of launch sites. If Soviet submarine-launched missiles are postulated to be the most critical threat against our bombers and tankers, then inland bases should be considered for strategic offensive forces. Flying weather, airspace congestion, runways and pavements, maintenance and support facilities, and munitions storage capacity are all factors in basing decisions. A coastal base's force survivability can be enhanced through repositioning and dispersal to achieve the time needed to launch the forces safely and effectively.

Other operational requirements such as targeting, ranging and bomber/tanker mating must be considered when determining force beddown locations. Lateral support supplied to other commands, such as refuelling overseas deployments of fighters and strategic airlift forces, is also a necessary consideration. Some overseas basing also enhances strategic operational effectiveness.

- Coming Force Structure Actions and their Impact on Base Structure

Strategic Air Command (SAC), Tactical Air Command (TAC), and Military Airlift Command (MAC) will inactivate. Two new commands, Air Combat Command (ACC) and Air Mobility Command (AMC) will activate in mid-1992. Air Combat Command will have fighters, bombers, ICBMs, reconnaissance aircraft, and some tanker and airlift capability. Air Mobility Command will include the bulk of airlift assets, as well as a considerable portion of the tanker force. In conjunction, Air Force Logistics Command and Air Force Systems Command have merged into Air Force Materiel Command, and Air Force Communications Command has become a Field Operating Agency. The net result is a reduction in the number of major commands from 13 to 10. (This restructure applies to all mission categories).

The Administration has committed the United States to a program of strategic force modernization, including modernization of the ICBM force and deployment of the B-1B and B-2. In keeping with that commitment, the Air Force has deployed 50 Peacekeeper missiles in Minuteman III silos at F.E. Warren AFB, WY. Further, the Air Force is in the process of inactivating and retiring the Minuteman II fleet.

Lastly, the Air Force is continuing to plan and program for the development of the Strategic Training Range Complex in the northwestern United States.

- **Basing Requirements - Strategic Defense**

For strategic defense system, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Also considered are assessments of warning time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made on the most effective deployment area.

- **Base Requirements - Space Operations**

Air Force Space Command (AFSPACOM), a component of US Space Command, manages and operates assigned space assets and launch control resources. These missions require a decentralized facility structure that provides flexible launch capability, coverage for attack warning, surveillance and satellite control. In keeping with its launch control responsibilities, AFSPACOM has gained command ownership of Patrick and Vandenberg AFBS.

- **Coming Force Structure Actions and Their Impact on Base Structure**

Falcon AFE, which is just east of Colorado Springs and home of the 2nd Space Wing along with Onizuka AFB near Sunnyvale, CA, are expanding to assume a greater role in satellite control.

GENERAL PURPOSE FORCES (200)

- **Basing Requirements - Tactical**

The nature of the tactical mission and its inherent complex equipment require considerable training facilities in the CONUS. Accessibility of weapons ranges, proximity to training airspace (including supersonic), and suitable weather to conduct the large volume of training are necessary. CONUS units conduct the initial weapons system training for all US Tactical Air Forces and provide a ready source of deployable forces for contingency response. This world-wide deployment tasking places some additional constraints on basing posture since forces should be conveniently aligned to airlift and tanker support. In addition, tactical forces which directly support the Army, such as tactical air control units, should be located as close as possible to support Army training and operational requirements.

Tactical forces overseas are based according to strategic, tactical, and security policy considerations in addition to any usual CONUS basing criteria. Each base must be capable of efficient peacetime operation and be prepared to meet the mission requirements it is tasked to conduct in combat or contingency situations. Each type of mission has its own peculiar basing requirements according to current strategies and contingency plans. The need for combat dispersal must be considered along with a requirement to receive forces from the CONUS in time of crisis. The overseas base structure must maintain a capability to respond to changing tactical and strategic situations. The overseas base structure requires cooperation of host governments, hence basing requirements must be set in the context of international security policy.

- Coming Force Structure Actions and Their Impact on Base Structure

The Air Force will continue to modernize the fighter force as it brings additional new F-15E and F-16 aircraft into the active inventory. The results of the F-16 modernization will benefit the Air Reserve components where increasing numbers of older F-4s and A-7s will be retired and replaced with F-16s from the active forces. As a part of this overall effort, the Air National Guard has been given a dedicated training capability in the F-16. This capability has been expanded to include some foreign military training.

- Basing Requirements - Mobility

Beddown locations for aircraft units are normally determined by wartime taskings, peacetime operations, and training requirements.

Units primarily to support inter-theater airlift are normally located along the east and west coasts of the United States in proximity to major transportation hubs. This basing strategy maximizes efficient use of available airlift assets and expedites personnel and cargo movement through the DoD transportation system. Forces primarily tasked to support intra-theater airlift requirements and close support of combat forces are located in proximity to the units of types of forces they will support. These airlift units require extensive training areas for low-level flying and restricted airspace for practicing aerial delivery of paratroopers and equipment. Collocating airlift with supported units enhances integration and builds cohesiveness.

- Coming Force Structure Actions and Their Impact on Base Structure

Airlift forces were affected significantly in the Air Force reorganization. Airlift force structure changes are designed to modernize the force and to expand the role of the

Air Reserve component in the airlift mission. The active duty force will soon receive its first C-17. This will add new dimensions to national airlift capacity and flexibility.

Special operations forces are being strengthened by the introduction of additional MC-130 Combat Talon aircraft and AC-130 gunships into the inventory.

AUXILIARY FORCES (300)

- Basing Requirements

Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions necessary to acquire aerospace weapon systems and support systems essential to the Air Force mission. AFSC delivers complete and operable systems to the using major commands. To accomplish its mission, AFSC must have extensive test facility complexes require runways, large areas of restricted airspace, numerous range and tracking facilities for administration of test programs and the correlation of basic and applied research during weapons development are also required.

The Air Force Communications Command's (AFCC) mission as a Field Operating Agency (FOA) is to provide the Air Force and the Department of Defense with communications, data automation, electronic and engineering installations, and air traffic control capability. For this tasking, AFCC requires facilities which permit ready access to related commercial facilities. Other locations in relatively remote areas act as communication links.

- Coming Force Structure Actions and Their Impact on Base Structure

AFSC and AFLC will merge to become Air Force Materiel Command (AFMC) in the summer of 1992.

The President and Secretary of Defense initiated a Defense Management Review (DMR) during 1989 which targeted the acquisition process for streamlining. The DMR initiatives are continuing to be implemented over the next few years.

MISSION SUPPORT FORCES (400)

- Basing Requirements

Extensive facilities are required for mission support functions to sustain Air Force mission equipment and personnel. For example, medium range aircraft require refueling stops on transoceanic flights. These installations must have runways of sufficient length and weight bearing capacities to support transient aircraft and must have adequate billeting and other services available for transient personnel.

- Coming Force Structure Actions and Their Impact on Base Structure

Military Airlift Command is merged into the Air Combat Command and the Air Mobility Command.

CENTRAL SUPPORT FORCES (500)

- Basing Requirements

The mission of the Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical support to meet the wide variety of missions assigned to the United States Air Force. To accomplish these tasks effectively, logistic support installations must be adjacent to transportation network terminals and facilities. Extensive warehousing, open automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command (ATC) requires the availability of extensive classroom, library and study facilities. Secure training facilities are required when training is being conducted on classified systems.

The location of flying training activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace are essential for undergraduate pilot training (UPT) bases. Three parallel runways are highly desirable for main training bases with auxiliary fields within a short distance from the main base.

- Coming Force Structure Actions and Their Impact on Base Structure

AFLC and AFSC will merge to become Air Force Materiel Command (AFMC) in the summer of 1992.

IV. BASE OPERATING COSTS FOR 1993

A summary of the estimated FY 1993 cost (\$ million) for Air Force Base Operating Support is at TABLE IX.

Base operating costs identified in this section are not limited to those major and minor installations described in Section VI, but include all Air Force property listed in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as recurring operating costs such as utilities, facilities maintenance, and other support activities. Users are cautioned that military family housing, military construction, and recurring operating costs vary among bases. Therefore, base operating costs, defined as these are, would not be suitable for comparisons among bases.

Additional details related to Air Force management of base operating support functions can be obtained from the Air Force study entitled, Air Force Management of Base Operating Support Functions. This study describes the relationship of Air Force base operating support functions to Air Force combat capability and outlines how the Air Force is organized to conduct base operating support activities.

V. ACTIONS TO ENHANCE EFFICIENCIES AND REDUCE COSTS

The Air Force will use base closures and sweeping organizational restructuring to streamline management, stimulate leadership, strengthen operations, and save money as threat and budgetary considerations draw down force structure.

BASE CLOSURES

The 1988 Base Closure Commission recommended the following closures: Pease, March 1991; George, December 1992; Chanute, September 1993; Mather, September 1993; and Norton, March 1994.

The 1991 Base Closure Commission recommended the following closures: 1992 - Eaker and England; 1993 - Bergstrom, Carswell, Myrtle Beach, Williams and Wurtsmith; 1994 - Grissom, Loring, Lowry, MacDill (partial), Richards-Gebaur and Rickenbacker; 1995 - Castle.

Overseas Action: Since 1990 it has been announced that the Air Force will withdraw from 28 overseas installations. The Air Force is conducting diplomatic consultation on withdrawals from additional overseas installations.

AIR FORCE RESTRUCTURE

The Air Force has embarked on a restructuring that reflects vision, incorporates modern management practices and builds combat capability. This restructuring constitutes the most significant change since its founding in 1947. The overall character is clear: to be even better prepared in the future to provide Global Reach - Global Power for the Nation.

Headquarters Air Force - The Air Force Headquarters functions to set policy; review and evaluate program guidance; plan, program, and budget; and allocate and distribute resources. A number of headquarters elements have gradually migrated away from these activities. Hence, the headquarters restructure effort refocuses the Pentagon staff on these four functions, while also streamlining and layering the organization. The Secretariat will focus on the business matters of the Air Force while the Air Staff deals with operational matters. The immediate result is a smaller Headquarters with approximately a 21% reduction in personnel.

Major Commands - Systems and Logistics Commands will merge into Air Force Materiel Command and will become operational in the summer of 1992.

A new Air Force Intelligence Command has taken charge of the broader Air Force intelligence mission which has been scattered across several commands. Strategic Air Command (SAC), Tactical Air Command (TAC), and Military Airlift Command (MAC) will inactivate. Two new commands, Air Combat Command (ACC) and Air Mobility Command (AMC) will activate in mid-1992. Air Combat Command will have fighters, bombers, ICBMs, reconnaissance aircraft, and some tanker and airlift capability. Air Mobility Command will include the bulk of airlift assets, as well as a considerable portion of the tanker force. Air Force Logistics Command and Air Force Systems Command have merged into Air Force Materiel Command, and Air Force Communications Command has become a Field Operating Agency. The net result will be a reduction in the number of major commands from 13 to 10.

Numbered Air Forces and Air Divisions - Numbered Air Forces will have minimal staffs and will become operational echelons. The management function disappears leaving only combat operations activity. The numbered Air Force staff will shrink to about half its present size. All air divisions will be eliminated.

Wings - The basic unit for generating and employing combat capability is the wing, and some very significant changes will take place at this level. Several wings will become "Composite Wings," meaning that they operate more than one kind of aircraft. Mountain Home AFB will be a composite wing where F-15C/DS, F-15Es, tankers, AWACS aircraft, and other aircraft will form a unit designed for quick air intervention anywhere in the world. At Pope AFB, a wing of A-10s, F-16s, and C-130s will be assembled to train with the Army at nearby Fort Bragg. "One Base, One Wing, One Boss" is the motto that describes the new wing structure. Wing commanders who have the rank of Brigadier General (rather than Colonel) will command the wing, the base, and all associated local resources.

Shrinking budgets compel the Air Force to trim down, tone up, and operate with more efficiency. Base closures and restructuring are designed to make combat capability the number one priority.

TABLE VIII - SUMMARY OF AIR FORCE INSTALLATIONS - SEPTEMBER 30, 1961

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC (101)	27	0	2	29
INTELLIGENCE AND COMMUNICATIONS (103)	2	0	1	3
GUARD AND RESERVE (105)	7	0	0	7
RESEARCH AND DEVELOPMENT (106)	2	0	0	2
GENERAL PURPOSE (202)	26	1	26	53
AIRLIFT/SEALIFT (204)	11	0	3	14
GUARD AND RESERVE (205)	87	1	0	88
INTELLIGENCE AND COMMUNICATIONS (303)	3	0	2	5
RESEARCH AND DEVELOPMENT (306)	7	0	0	7
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
STRATEGIC (401)	2	0	0	2
GENERAL PURPOSE (402)	1	0	2	3
CENTRAL SUPPLY AND MAINTENANCE (507)	9	0	0	9
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	17	0	0	17
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	1	0	0	1
TOTAL AIR FORCE	204	2	36	242

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDP2C	Cat	Code	Mil	Civ	Other	Tot	Acreage	Total	Round	Major Unit-Activity Function
ABERSTON AGS	ABERSTON	303	2	1	15	0	16	341	11438	280 COMW SQ (ANG)	31	280 COMW SQ (ANG)
BIRMINGHAM MAP AGS	BIRMINGHAM	205	2	4	337	0	341	117	117 RECON WING (ANG)	86	117 RECON WING (ANG)	
DARNELEY FIELD AGS	MONTGOMERY	205	2	4	315	0	319	51	107 FIGHTER GROUP (ANG)	51	107 FIGHTER GROUP (ANG)	
DAHL AGS	MONTGOMERY	205	2	1	45	0	47	18	115 TAC CONTROL SQ	18	115 TAC CONTROL SQ	
MAXWELL AFB	MONTGOMERY	506	1	2355	1522	549	4425	3528	AIR UNIVERSITY	3528	AIR UNIVERSITY	
ALASKA												
CLEAR AFS	ANCHORAGE	101	2	113	53	226	392	11438	MISSILE WARNING	343	MISSILE WARNING	
EIELSON AFB	FAIRBANKS	202	1	1534	594	243	4371	11940	363 FIGHTER WING	21	363 FIGHTER WING	
ELMENDORF AFB	ANCHORAGE	202	1	1056	1405	729	5190	13130	21 FIGHTER WING	182	21 FIGHTER WING	
GALENA AIRPORT AFS	GALENA	202	2	310	14	51	375	1182	FORWARD OPERATING LOCATION	86	FORWARD OPERATING LOCATION	
KING SALMON AIRPORT	MATANEA	202	2	277	17	52	346	1161	FORWARD OPERATING LOCATION	86	FORWARD OPERATING LOCATION	
KULULIS AGB	ANCHORAGE	205	2	4	424	0	426	129	176 COMPOSITE GROUP (ANG)	129	176 COMPOSITE GROUP (ANG)	
SHEMYIA AFB	ALEUTIANS	302	1	587	26	120	733	1520	5073 AIR BASE GROUP	1520	5073 AIR BASE GROUP	
ARIZONA												
DAVIS MONTHAN AFB	TUCSON	202	1	4627	1306	286	6219	10982	355 FIGHTER AIR WING	91	355 FIGHTER AIR WING	
GILA BEND AFS	GILA BEND	202	2	151	102	75	328	1886	AUXILIARY FIELD	86	AUXILIARY FIELD	
LUKE AFB	LITCHFIELD PARK	202	1	4275	1089	288	5652	4258	58 FIGHTER WING	51	58 FIGHTER WING	
PHOENIX SKY HARBOR IAP AGS	PHOENIX	105	2	3	339	0	342	4258	161 AIR REF GROUP (ANG)	51	161 AIR REF GROUP (ANG)	
PUYALLUP IAP AGS	TUCSON	205	2	27	852	0	879	86	162 FIGHTER GROUP (ANG)	86	162 FIGHTER GROUP (ANG)	
WILLIAMS AFB	CHANDLER	508	1	1217	397	1013	2627	4762	82 FTW	91	82 FTW	
ARKANSAS												
ENAKER AFB	SYNTHEVILLE	101	1	1112	263	162	1557	3936	91 C	97 AIR REF AG	91 C	97 AIR REF AG
FORT SMITH MAP AGS	FORT SMITH	205	2	3	289	0	292	98	188 FIGHTER GROUP (ANG)	98	188 FIGHTER GROUP (ANG)	
LITTLE ROCK AFB	JACKSONVILLE	204	1	5692	849	419	6960	11552	314 AIRLIFT WING	11552	314 AIRLIFT WING	
CALIFORNIA												
BEALE AFB	YERSEYVILLE	101	1	2348	416	388	4152	22944	93 WING	91 C	93 WING	
CASTLE AFB	YERSEYVILLE	101	1	4542	371	324	5237	32257	145 AIRLIFT WING (ANG)	50	145 AIRLIFT WING (ANG)	
CHANNEL ISLAND AGS	YERSEYVILLE	205	2	4	364	0	368	50	A2 FLIGHT TEST CENTER	50	A2 FLIGHT TEST CENTER	
EDWARDS AFB	YERSEYVILLE	306	1	4294	2419	2129	6842	300667	144 FTW (ANG)	102	144 FTW (ANG)	
PRESNO AIR TERMINAL AGS	YERSEYVILLE	205	2	3	386	0	389	1127	35 FIGHTER WING	83 C	35 FIGHTER WING	
GEORGE AFB	YERSEYVILLE	202	1	2746	297	141	3184	53895	SPACE SYSTEMS CENTER	102	SPACE SYSTEMS CENTER	
LOS ANGELES AFB	YERSEYVILLE	305	1	1794	1444	532	3770	6854	22 AIR REF AG	6854	22 AIR REF AG	
MARCH AFB	YERSEYVILLE	201	1	3181	1287	456	4924	3243	323 FLYING TRAINING AG	88 C	323 FLYING TRAINING AG	
MATHER AFB	YERSEYVILLE	506	1	1856	623	564	5945	3137	AIR LOGISTICS CENTER	88 C	AIR LOGISTICS CENTER	
MCCLELLAN AFB	YERSEYVILLE	507	1	3121	10406	2391	15918	162 COM GP (ANG)	162 COM GP (ANG)	9	162 COM GP (ANG)	
NORTH HIGHLANDS AGS	YERSEYVILLE	205	2	4	38	0	42	2339	63 AIRLIFT WING	88 C	63 AIRLIFT WING	
NOPTON AFB	YERSEYVILLE	204	1	4716	2082	547	7345	2339	SATELLITE CONTROL OPS	1500	SATELLITE CONTROL OPS	
ONIZUKA AFB	YERSEYVILLE	305	1	755	242	502	1500	69	69	69	69	

Installation Name	City	Cat	IDPPC	Code	Mil	Civ	Other	Tot	Acreage	Total	BRAC	Round	Major Unit-Activity Function
ONTARIO IAP AGS	ONTARIO	205	2		25	0		26	39	148	COM 30N (ANG)		
TRAVIS AFB	FAIRFIELD	204	1	9212	2061	467	10800	7545	60	AIRLIFT WING			
VANDENBERG AFB	LOPOC	106	1	3345	1232	3155	7732	98949	98949	SPACE LAUNCH / MSL TEST CTR			
COLORADO													
BUCKLEY AFB	AURORA	205	1	618	653	85	1357	7007	140	FIGHTER WING (ANG)			
CHEYENNE MOUNTAIN AFB	COLORADO SPRGS	101	1	1046	198	102	1346	519	AIR DEFENSE CMD/CONTROL				
FALCON AFB	ELICCTFT	401	1	1870	393	276	2539	2163	2	SPACE WING			
LOWRY AFB	DENVER	508	1	2949	1571	550	5070	1934	91	TECH TRAINING CENTER			
PETERSON AFB	COLORADO SPRGS	401	1	3106	1682	1944	6726	1155	USSPACECOM & AFSPACECOM HOS				
US AIR FORCE ACADEMY	COLORADO SPRGS	508	1	2365	1959	672	4996	53633	53633	OFFICER ACQUISITION TRAINING			
CONNECTICUT													
BRADLEY IAP AGS	WINDSOR LOCKS	205	2		1	299	0	300	125	103 FIGHTER GROUP (ANG)			
ORANGE AGS	NEW HAVEN	205	2		1	45	0	46	29	ACFT CONTROL/WARNING (ANG)			
DELAWARE													
DOVER AFB	DOVER	204	1	4234	1258	243	5735	3760	436	AIRLIFT WING			
NEW CASTLE COUNTY AFT AGS	NEWPORT	205	2		255	0	260	57	166	AIRLIFT GROUP (ANG)			
DIST OF COLUMBIA													
BOLLING AFB	WASHINGTON	509	1	3231	1045	320	4596	604	604	AIR FORCE DISTRICT WASH			
FLORIDA													
AVON PARK AFS	AVON PARK	202	2		61	62	21	144	5181	AUXILIARY AIRFIELD			
CAPE CANAVERAL AFS	PORT CANAVERAL	307	2	303	235	2949	3487	15435	15435	SPACE LAUNCH OPERATIONS			
EGLIN AAF 3 (DUKE FIELD)	CRESTVIEW	202	2	244	373	0	617	1348	919	SPECIAL OPS GROUP (AFR)			
EGLIN AAF 9 (HURBURT FIELD)	MARY ESTHER	202	1	8420	649	127	9196	6634	454214	AF SPECIAL OPERATIONS CMD			
EGLINE AFB	VALPARISO	306	1	8430	3755	1950	14135	454214	3347	DEVEL TEST CENTER			
HOMESTEAD AFB	HOMESTEAD	202	1	4520	931	220	5671	3347	31	FIGHTER WING			
JACKSONVILLE IAP AGS	CALLAHAN	205	2		3	392	0	395	332	125 FIG (ANG)			
MACDILL AFB	TAMPA	202	1	6040	86	141	7066	5767	91	56 FIGHTER WG			
PATRICK AFB	COCOA BEACH	307	1	3475	116	1958	6621	2341	AF EASTERN TEST RANGE				
TYNDALL AFB	PANAMA CITY	202	1	4571	996	134	6001	28824	28824	AIR DEFENSE WEAPONS CENTER			
GEORGIA													
DOBBINS AFB	MARIETTA	205	1		63	164	67	1714	1903	94 AIRLIFT WG (PER ANG)			
MCCOLLM AGS	KENNESEAW	205	2		1	47	0	48	13	ACFT CONTROL/WARNING (ANG)			
MOODY AFB	VALDOSTA	202	1	2955	399	195	3549	5931	347	FIGHTER WING			
ROBINS AFB	WARNER ROBINS	507	1	3814	13390	7987	25191	8790	8790	AIR LOGISTICS CENTER			
SAVANNAH IAP AGS	SAVANNAH	205	2		3	264	0	267	232	165 AIRLIFT GROUP (ANG)			

AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat	Mil	Civ	Other	Rot	Total Acreage	BRAC Round	Major Unit-Activity Function
HAWAII										
HICKAM AFB	HONOLULU	402	1	4376	1897	184	6457	2912		HQ PACAF
KOKEE AFS	KEKAAHA	106	2	0	37	0	37	11		ACFT CONTROL & WARNING
IDAHO	BOISE MOUNTAIN HOME	205	2	0	526	0	526	1994		24 RECON GROUP (ANG)
BOISE AIR TERMINAL AGS	BOISE MOUNTAIN HOME	202	1	1749	458	306	2513	9113		366 WING
IDAHO	BOISE MOUNTAIN HOME	202	1	1749	458	306	2513	9113		24 RECON GROUP (ANG)
ILLINOIS	SPRINGFIELD	205	2	3	327	0	330	91		183 FIGHTER GROUP (ANG)
CAPITAL MAF AGS	RANTOUL	508	1	1094	793	752	3439	2174		TECH TRAINING CENTER
CHANUTE AFB	BARTONVILLE	205	2	4	257	0	261	386		182 TAC AIR SUPPORT GP (ANG)
GREATER PEORIA APT AGS	CHICAGO	205	2	13	760	39	812	389		928 AIRLIFT GROUP (AFR/ANG)
O'HARE IAP AGS	BELLEVILLE	204	1	6760	2973	6808	16541	3172		HQ AIR MOBILITY CMD
INDIANA	FT WAYNE MAP AGS	205	2	5	345	0	350	138		122 FIGHTER WING (ANG)
GRISWOLD AFB	BUNKER HILL	101	1	2298	785	144	3227	3180		305 AIR REF WC
HOLMAN REGIONAL APT AGS	TERRE HAUTE	205	2	5	299	0	304	279		181 FIGHTER GROUP (ANG)
IOWA	DES MOINES IAP AGS	205	2	1	332	0	333	113		132 FIGHTER WING (ANG)
SIOUX CITY MAP AGS	SERGEANT BLUFF	205	2	3	280	0	263	106		185 FIGHTER GROUP (ANG)
KANSAS	PAULINE WICHITA	105	2	3	379	0	382	200		190 AIR REF GROUP (ANG)
FORBES FIELD AGS	WICHITA	101	1	3022	1244	159	4425	7686		304 WING
MCCONNELL AFB										
KENTUCKY	STANIFORD FIELD AGS	205	2	5	309	0	314	65		123 RECON WING (ANG)
LOUISIANA	LOUISVILLE	205	2	5	309	0	314	65		123 RECON WING (ANG)
BARKSDALE AFB	BOSSIER CITY	101	1	5476	1079	526	7081	22362		2 WING
ENGLAND AFB	ALEXANDRIA	202	1	1112	247	129	1486	2642		23 FIGHTER WING
HAMMOND AGS	HAMMOND	205	2	0	28	0	28	22		236 COMM SQ (ANG)
MAINE	BANGOR AGS	105	2	4	371	0	375	302		101 AIR REFUELING WING (ANG)
LORING AFB	LIMESTONE	101	1	2861	467	184	3512	9791		42 WING
							71			

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDP2C	Cat	Code	Mil.	Civ	Other	Tot	Acrage	Total	BFAC	Round	Major Unit-Activity Function
SOUTH PORTLAND AGS	SOUTH PORTLAND	205	2	2	39	0	41	12	265	COMM SQ (ANG)			
MARYLAND													
ANDREWS AFB	CAMP SPRINGS	204	1	10061	2437	725	13223	4971	175	89 AIRLIFT WING			
MARTIN STATE AGS	BALTIMORE	205	2	7	463	0	490			135 AIRLT GP/75 FTR GP (ANG)			
MASSACHUSETTS													
BARNES MAP AGS	WESTFIELD	205	2	2	302	0	304	134		104 FIGHTER GROUP (ANG)			
CAPE COD AFS	BOURNE	103	2	101	5	92	202	101		PAVE PAWS			
HANSCOM AFB	BEDFORD	306	1	3192	2424	166	5782	967		ELECTRONIC SYSTEMS DIVISION			
CTIS AGB	FALMOUTH	205	1	3	698	36	737	3880		102 FIW (ANG)			
WELLESLEY AGS	WELLESLEY	205	2	3	41	0	44	8		253 COMM GP (ANG)			
WESTOVER AFB	CHICopee	205	1	9	963	37	1009	2592		439 AIRLIFT WING (AFR)			
WORCESTER AGS	WORCHESTER	205	2	2	63	0	65	8		101 TAC CONTROL SQ (ANG)			
MICHIGAN													
K. I. SAWIER AFB	GWinn	101	1	3151	365	156	3672	5214		410 BOMB WING			
SELF RIDGE AGB	MT CLEMENS	205	1	111	1354	0	1465	3081		127 FIGHTER WING (ANG/AFR)			
W K KELLOGG REGIONAL APT AGS	BATTLE CREEK	205	2	4	246	0	250	315		110 FIGHTER GROUP (ANG)			
WURTSMITH AFB	OSCODA	101	1	2868	338	70	3276	5298		379 WING			
MINNESOTA													
DULUTH IAP AGS	DULUTH	205	2	4	403	0	407	409		148 FIG (ANG)			
MINNEAPOLIS/ST PAUL IAP AGS	MINNEAPOLIS	205	2	18	608	35	661	302		934 AIRLIFT GROUP (AFR/ANG)			
MISSISSIPPI													
ALLEN C THOMPSON FIELD AGS	FLOWOOD	205	2	4	305	0	309	116		172 AIRLIFT GROUP (ANG)			
COLUMBUS AFB	COLUMBUS	508	1	1182	315	809	2306	6015		14 FLYING TRAINING WING			
GULFPORT/BILOXI MAP AGS	GULFPORT	205	2	1	113	0	114	219		READINESS TRNG SITE (ANG)			
KEESLER AFB	BILOXI	508	1	5305	2016	673	7994	3489		TECH TRAINING CENTER			
KEY FIELD AGS	MERIDIAN	205	2	3	365	0	368	117		186 RECON GROUP (ANG)			
MISSOURI													
DMA JEROME CTR	ST LOUIS	507	2	50	3266	22	3338	64		DEFENSE MAP AGENCY			
JEFFERSON BARRACKS AGS	ST LOUIS	205	2	2	60	0	62	135		ACFT CONTROL/WARNING (ANG)			
LAMBERT ST LOUIS IAP AGS	ST ANN	205	2	20	410	21	451	354		131 FIGHTER WING (ANG)			
RICHARDS GEBAU AFS	BELTON	205	2	6	365	284	655	433		442 FIGHTER WG (AFR)			
ROSECRANS MEMORIAL APT AGS	ELWOOD	205	2	6	273	0	279	302		139 AIRLIFT GROUP (ANG)			
WHITEHORN AFB	KNOB NOSTER	101	1	3430	435	140	4005	25060		351 MISSILE WING			
MONTANA													
GREAT FALLS IAP AGS	GREAT FALLS	205	2	3	376	0	379	139		120 FIG (ANG)			
								72					

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	ID/PC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
MALMSTROM AFB	GREAT FALLS	101 1	4296	480	256	5032	29198			341 MISSILE WING
NEBRASKA										
LINCOLN MUNICIPAL AIRPORT AG	LINCOLN BELLEVUE	205 101	2 1	11384	1762	328 1332	0 14478	331	175	155 RECON GROUP (ANG) HQ USSTRATCOM
OFFUTT AFB								3507		
NEVADA										
NELLIS AFB	LAS VEGAS RENO TONOPAH	202 205 306	1 2 2	6142 4 0	973 322 0	1218 0 0	8333 326 0	2215 123 43		FIGHTER WEAPONS CNTR 152 RECON GROUP (ANG) R&D ACTIVITIES
RENO CANNON IAP AGS										
TONOPAH AFS										
NEW HAMPSHIRE										
NEW BOSTON AFS	MT VERNON NEWINGTON	101 101	2 2	25 4	63 358	116 0	204 362	2873 229		ELECTRONICS SITE 133 AIR REFUELING SQ (ANG)
PEASE AGS										
NEW JERSEY										
ATLANTIC CITY MAP AGS	PLEASANTVILLE WRIGHTSTOWN	205 204	2 1	3 4730	368 1762	0 276	371 6768	286 3820		177 FIG (ANG) 438 AIRLIFT WING
MC GUIRE AFB										
NEW MEXICO										
CANNON AFB	CLOVIS	202	1	6002	471	211	6684	4571		27 FIGHTER WING
HOLLOWAY AFB	ALAMOGORDO	202	1	3250	1046	497	4793	58496		49 FIGHTER WING
KIRTLAND AFB	ALBUQUERQUE	204	1	4961	2801	588	8350	44025		542 CREW TRG WG/AFOTEC
NEW YORK										
GRIFFISS AFB	ROME SYRACUSE	101 202	1 2	3988 5	2484 367	203 0	6675 372	4025 371		416 WING
HANCOCK FIELD AGS	NIAGARA FALLS	205	2	5	661	83	749	985		174 FIGHTER WING (ANG)
NIAGARA FALLS IAP ARS	PLATTSBURGH	101	1	2116	346	115	2577	4818		914 AIRLIFT GROUP (AFR)
PLATTSBURGH AFB	ROSLYN	205	2	2	48	0	50	50		380 WING
ROSLYN AGS	SCHENECTADY	205	2	7	245	0	253	273		273 COMM SQ (ANG/AFR)
SCHENECTADY AIRPORT AGS	NEW WINDSOR	205	2	4	667	0	671	106		109 AIRLIFT GROUP (ANG)
STEWART IAP AGS	WESTHAMPTON	205	2	3	263	0	266	304		105 AIRLIFT GROUP (ANG)
SUFFOLK COUNTY AIRPORT AGS	BCH							71		106 AIR RESCUE GROUP (ANG)
NORTH CAROLINA										
BADIN AGS	BADIN CHARLOTTE	205 205	2 2	1 4	28 322	0 0	29 326	21 69		263 COMM SQ (ANG)
CHARLOTTE/DOUGLAS IAP AGS	FAYETTEVILLE	204	1	4484	400	203	5087	1890		145 AIRLIFT GROUP (ANG)
POPE AFB	GOLDSBORO	2C2	1	4716	530	390	5636	4118		317 AIRLIFT WING
SEYMOUR JOHNSON AFB										4 FIGHTER WING
NORTH DAKOTA										

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDFPC	Cat	Mil.	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
CAVALIER AFS	MOUNTAIN	103	2	23	7	127	157	650	MISSILE WARNING	
GRAND FORKS AFB	EMERADOC	101	1	4903	470	268	5641	23857	319 WING	
HECTOR FIELD IAP AGS	FARGO	205	2	6	382	0	388	133	119 FIG (ANG)	
MINOT AFB	MINOT	101	1	5005	589	278	5872	24498	5 WING	
OHIO										
CAMP PERRY AGS	PORT CLINTON	205	2	0	31	0	31	32	200 CIVIL ENGINEER SON (ANG)	
GENTILE AFS	DAYTON	507	2	31	2213	0	2244	165	DEF ELEC SUP CTR (DLA)	
MANSFIELD LAHM MAP AGS	MANSFIELD	205	2	4	234	0	238	224	179 AIRLIFT GROUP (ANG)	
NEWARK AFB	HEATH	507	1	78	1965	105	2148	72	LOGISTICS/AGMC	
RICKENBACKER AGB	LOCKBOURNE	105	1	9	1794	12	1806	2597	91 C	121 AIR REF WG (ANG/AFR)
SPRINGFIELD BECKLEY MAP AGS	SPRINGFIELD	205	2	5	330	0	335	114	178 FIGHTER GROUP (ANG)	
TOLEDO EXPRESS APT AGS	SWANTON	205	2	4	289	0	293	84	180 FIGHTER GROUP (ANG)	
WRIGHT-PATTERSON AFB	FAIRBORN	507	1	4699	9102	1732	15533	8245	AF MATERIEL COMMAND HQ	
YOUNGSTOWN MAP AGS	VIENNA	205	2	5	349	16	370	740	910 AIRLIFT GROUP (AFR)	
OKLAHOMA										
ALTUS AFB	ALTUS	508	1	3138	480	478	4096	4240	443 AIRLIFT WING	
TINKER AFB	MIDWEST CITY	507	1	7175	14536	5216	26927	4668	AIR LOGISTICS CENTER	
TULSA IAP AGS	TULSA	205	2	2	298	0	300	82	138 FIGHTER GROUP (ANG)	
VANCE AFB	ENID	508	1	754	90	1520	2364	3109	71 FLYING TRAINING WING	
WILL ROGERS WORLD APT AGS	OKLAHOMA CITY	205	2	5	262	0	267	133	137 AIRLIFT WING (ANG)	
OREGON										
KINGSLEY FIELD AGS	KLAMATH FALLS	205	2	3	373	0	376	425	114 FIGHTER TRG SQ (ANG)	
PORTLAND IAP AGS	PORTLAND	205	2	8	752	0	760	314	142 FIG (ANG)	
PENNSYLVANIA										
GREATER PITTSBURGH IAP AGS	CORAOPOLIS	105	2	23	888	33	944	596	171 AIR REF WG (ANG/AFR)	
HARRISBURG OLMFSTED IAP AGS	MIDDLETON	205	2	0	314	0	314	64	193 SPECIAL OPS GROUP (ANG)	
WILLOW GROVE AGS	HATBORO	205	2	0	592	17	609	162	913 AIRLIFT GROUP (AFR/ANG)	
RHODE ISLAND										
COVENTRY AGS	COVENTRY	205	2	0	40	0	40	17	281 COMM GROUP (ANG)	
NORTH SMITHFIELD AGS	SLATERSVILLE	205	2	0	47	0	47	10	ACFT CONTROL/WARNING (ANG)	
QUONSET STATE AIRPORT AGS	N KINGSTON	205	2	6	259	9	274	60	143 AIRLIFT GROUP (ANG)	
SOUTH CAROLINA										
CHARLESTON AFB	CHARLESTON	204	1	4653	1136	301	6090	3733	437 AIRLIFT WING	
MCENTIRE AGB	EASTOVER	205	1	5	377	0	382	2473	169 FIGHTER GROUP (ANG)	
MIRTLE BEACH AFB	MIRTLE BEACH	202	1	1428	295	57	1780	3976	91 C	354 FIGHTER WING
SHAW AFB	SUMTER	202	1	5472	748	203	6423	3416	363 FIGHTER WING	
							74			

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	IDPPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Bound	Major Unit-Activity Function
MCCHORD AFB	TACOMA	204	1	4220	1219	205	5644	5745	62	AIRLIFT WING	
SPOKANE IAP AGS	SPOKANE	205	2	2	41	0	43	79	242	COMM SQ (ANG)	
WEST VIRGINIA											
SHEPHERD FIELD AGS (EWVRA)	MARTINSBURG	205	2	C	288	0	298	349	167	AIRLIFT GROUP (ANG)	
YEAGER AIRPORT AGS	CHARLESTON	205	2	4	240	0	244	236	130	AIRLIFT GROUP (ANG)	
WISCONSIN											
GEN MITCHELL IAP ARS	MILWAUKEE	205	2	10	648	48	706	214	440	AIRLIFT WING (AFB/ANG)	
TRUAX FIELD AGS	MADISON	205	2	4	291	0	295	155	126	FIGHTER WING (ANG)	
WYOMING											
CHEYENNE MAP AGS	CHEYENNE	205	2	5	256	0	261	67	153	AIRLIFT GROUP (ANG)	
FRANCIS E. WARREN AFB	CHEYENNE	101	1	3573	561	161	4295	19916	90	MISSILE WING	

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 United States Territories and Possessions
 September 30, 1991

Installation Name	City	IDFPC	Cat Codes	Mil.	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
GUAM										
ANDERSEN AFB	AGANA, GUAM	202	1	2503	572	12	3087	20740	633	AIR BASE WING
PUERTO RICO										
PUERTO RICO IAP AGS	SAN JUAN	205	2	3	289	0	292	120	156	FIGHTER GROUP (ANG)

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Used for U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IDPPC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
AUSTRALIA										
WOOMERA AIR STATION	WOOMERA	101	2	201	1	72	274	33		ELECTRONICS SITE
GERMANY, FEDERAL REP OF										
BITBURG AIR BASE	BITBURG	202	1	4077	700	109	4886	1661		36 FIGHTER WING
HAHN AIR BASE	LAUTZENHAUSEN	202	1	1564	333	97	1994	1828		50 COMINT SO
LINDSEY AIR BASE	WIESBADEN	202	2	1623	323	10	1956	107		7100 COMBAT SUPPORT WING
RAMSTEIN AIR BASE	LANDSTUHL	202	1	7985	2722	389	11096	5235		USAFE HQ/66 FIGHTER WING
RHEIN MAIN AIR BASE	FRANKFURT	204	1	4527	854	135	5516	908		435 AIRLIFT WING
SEMBACH AIR BASE	SEMBACH	202	1	1791	483	59	2333	1143		66 ELECTRONIC COMBAT WING
SPANGDAHLEM AIR BASE	SPANGDAHLEM	202	1	3898	531	48	4477	1350		52 FIGHTER WING
TEMPELHOF CENTRAL AIRPORT AS	BERLIN	202	2	599	757	27	1383	923		7350 AIR BASE GROUP
GREENLAND										
THULE AIR BASE	THULE	101	2	137	3	1231	1371	274862		MIS WARM/SATELLITE TRK
GREECE										
IRAKLION AIR BASE	GOURLIS	202	2	802	177	290	1269	233		7276 AIR BASE GROUP
ITALY										
AVIANO AIR BASE	PORDENONE	202	1	1840	442	48	2330	1150		40 TAC SUPPORT WING
SAN VITO AIR BASE	BRINDISI	303	2	1479	240	10	1729	321		7275 AIR BASE GROUP
JAPAN										
KADENA AIR BASE	KOZA CITY	202	1	8336	2449	364	11149	12561		18 WING
MISAWA AIR BASE	MISAWA	202	1	5472	912	131	6515	3879		432 FIGHTER WING
YOKOYA AIR BASE	TOKYO	204	1	4989	1812	268	7069	4013		475 AIR BASE WING
KOREA, REPUBLIC OF										
KUNSAN AIR BASE	KUNSAN	202	1	2793	390	87	3270	2577		8 FIGHTER WING
OSAN AIR BASE	SONGTAN	202	1	9189	782	272	10243	8514		51 FIGHTER WING
NETHERLANDS										
SOESTERBERG AIR BASE	SOESTERBERG	202	1	1446	152	53	1651	693		32 FIGHTER GROUP
PANAMA										
HOWARD AIR FORCE BASE	BALBOA	202	1	2190	628	100	2918	13553		AIR FORCES PANAMA

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Used by U.S. Forces in Foreign Areas
September 30, 1991

Installation Name	City	IDPAC	Cat Code	Mil	Civ	Other	Tot	Total Acreage	BRAC Round	Major Unit-Activity Function
PORTUGAL										
LAJES FIELD AIR BASE	LAJES	262	1	2876	948	87	3911	1171	1605	SUPPORT WING
SPAIN										
TORREJON AIR BASE	MADRID	202	1	1172	526	69	1767	3707	401	FIGHTER WING
TURKEY										
ANKARA AIR STATION	ANKARA	402	2	522	138	510	1170	155	347	SUPPORT STATION
INCIRLIK AIR BASE	ADANA	202	1	2636	302	1040	3978	6	21	39 TACTICAL GROUP
IZMIR AIR STATION	IZMIR	402	2	466	72	472	1010		176	SUPPORT STATION
PIRINCLIK AIR STATION	DIYREBAKIR	103	2	115	5	469	589			ELECTRONICS STATION
UNITED KINGDOM										
HIGH WYCOMBE AIR STATION	HIGH WYCOMBE	202	2	221	29	46	296	109	1465	SUPPORT ACTIVITIES
RAF ALCONBURY	ALCONBURY	202	1	2180	409	67	2656		1089	39 SPECIAL OPS WING
RAF BENTWATERS	BYKE	202	1	3148	443	61	3652		411	81 FIGHTER WING
RAF CHICKSANDS	SHEFFORD	202	2	1267	139	23	1429		7274	7274 AIR BASE GROUP
RAF CROUGHTON	CROUGHTON	203	2	310	31	21	362		694	2130 COMMUNICATIONS GP
RAF FAIRFORD	FAIRFORD	202	2	38	89	30	207		1785	STANDBY BASE
RAF LAKENHEATH	LAKENHEATH	202	1	3281	590	153	4024		2376	48 FIGHTER WING
RAF MILDENHALL	MILDENHALL	204	1	3166	576	139	3881		1144	100 AIR REFUELING WG
RAF UPPER HEYFORD	UPPER HEYFORD	202	1	3903	501	146	4550		2125	20 FIGHTER WING
RAF WOODBRIDGE	WOODBRIDGE	202	2	165	0	0	165		994	78/91 FIGHTER SQS

TABLE IX

AIR FORCE - BASE OPERATING SUPPORT COSTS - FY1993
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	553.3	.1	13.1	566.5
General Purpose Forces	632.0	28.5	910.5	1,571.0
Intell/Communications	209.5	.2	57.4	267.1
Airlift/Sealift	362.3	.3	21.2	383.8
Guard & Reserve Forces	335.3	.2	-	335.5
Research & Development	157.6	-	-	157.6
Central Supply & Maintenance	694.3	-	-	694.3
Training, Medical, & Other General Purpose Activities	475.9	.1	3.4	479.4
Administration & Assoc. Activities	74.8	-	-	74.8
Support to Other Nations	-	-	-	-
SUBTOTAL	3,495.0	29.4	1,005.6	4,530.0
Construction	1,279.4	9.7	56.0	1,345.1
Family Housing Q&M	574.7	33.4	321.2	929.3
TOTAL	5,349.1	72.5	1,382.8	6,804.4

CHAPTER FIVE

MARINE CORPS BASE STRUCTURE

I. INTRODUCTION

This Chapter presents the Marine Corps' approach to its basing structure and the relationship of that structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

Based on that law, the Marine Corps is organized into operating forces assigned to the Fleet Marine Force; reserve forces; security forces for naval installations, ships and embassies; and a supporting establishment of operating bases, air stations, training centers, logistics, and support bases and headquarters elements.

Major Marine Corps installations are defined as those activities where the majority of Marine Corps' training and sustainment operations occur, and deployments originate. Contiguous or collocated activities such as Marine Corps Base, Camp Lejeune and Marine Corps Air Station, New River have been combined as a single installation. Minor installations are defined as any remaining activity that holds plant account (Class 1 & 2 real property). There are 18 major and 7 minor Marine Corps installations worldwide. A summary of Marine Corps installations is at TABLE X. A list of installations follows.

II. BASE STRUCTURE OVERVIEW

Marine Corps tactical forces are assigned to installations which provide suitable local and regional training opportunities and position to forces for support and responsiveness to contingencies requirements.

The major Marine Corps operating forces consist of Fleet Marine Force, Atlantic (FMFLANT) and Fleet Marine Force, Pacific (FMFPAC). These forces are assigned as type commands to U.S. Atlantic and Pacific Fleets, respectively. FMFLANT provides forces for one Marine Expeditionary Force (MEF), and FMFPAC provides forces for two MEFS. These MEFS

have multiple taskings of a global nature and during contingencies may or may not remain in their current theater of operations.

Specifically, FMFLANT will maintain one Marine Expeditionary Force (MEF) on the East Coast of the U.S. That MEF will provide up to three Marine Expeditionary Units (MEUs) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean. The East Coast MEF will rotate battalions and fixed wing squadrons to the Western Pacific.

FMFPAC will maintain two MEFs in the Pacific region. One MEF will remain forward deployed in the Western Pacific with one Marine Expeditionary Brigade (MEB) from that MEF stationed in Hawaii. One MEF will remain on the West Coast of the U.S. The West Coast MEF and the 1st MEB in Hawaii route battalions and squadrons to the Western Pacific. The MEF's in the Western Pacific and on the West Coast will continue to provide for forward afloat deployments.

The Reserve Division/Wing Team is prepared on short notice to augment/reinforce the active structure with additional capabilities for a major war.

The three active MEFs in the FMF and the Reserve Division/Wing Team will be maintained at a maximum state of readiness and deployment posture to assure a capability for rapid and effective response anywhere in the world to support the national strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force and operational commitments;
- accommodating rapid expansion to wartime force levels in the event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

Rationale for the Location of Major Activities:

1. Ground combat elements located at Camp Lejeune, Camp Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay have the following specific requirements:

- a. Adequate training areas for both helicopter and over-the-beach amphibious assault training.
- b. Direct rail and highway access to ports of embarkation (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
- c. Helicopter shore facilities located to afford direct embarkation of personnel, equipment and supplies aboard amphibious shipping at sea from shore based facilities.
- d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing Vertical/Short Take-Off and Landing (V/STOL) sites to support air-ground team training and operations.
- e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.
- f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployment training of air-ground teams.
- g. Ready access to established logistics support bases.
- h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.

2. Aviation combat elements have the following requirements:
 2. Fighter and Attack Squadrons (VMFA/VMA) located at Marine Corps Air Stations Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.
 - (1) A tactical jet air base within 200 miles of a major operational/tactical base.
 - (2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation which can be used in emergency situations such as low fuel state or fouled deck diverts.

(3) Field mirror landing practice at the field and other suitable outlying airfields within 100 miles of home base.

(4) High performance air combat maneuvering (ACM) air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory or those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities free from other activity for safe firing of missile weapons systems and for special weapons delivery training.

(7) Targets and control facilities for delivery of air-to-air and air-to-surface ordnance, and ground, sea, and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

(11) Adversary aircraft support facilities for ACM training.

b. Marine Utility/Attack Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMLA/HMM/HMH/VMO) located at Marine Corps Air Stations Tustin, New River, Futenma, Kaneohe Bay and Camp Pendleton.

(1) A helicopter air station located within 40 miles of a Marine Division or

X. 2.

(2) High elevation, confined area, landing sites for training rotary wing
pilots.

(3) Protected air space and ordnance target complexes within 50 miles of home
base for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home base for the conduct of
various training including field carrier landing practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault
helicopter joint verbal training.

(7) Ready access to helicopter capable amphibious shipping (LPD/LHA/LPH) for
the conduct of ship-based training and operations.

3. Requirements of the Combat Service Support Elements located at Camp Lejeune, Camp
Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay are as follows:

- a. Access to road and rail for the shipment and receipt of supplies and equipment to
support the MEFs.
- b. Storage and maintenance facilities to provide the appropriate level of support to
operating forces in garrison and in preparation for deployment.
- c. Sea, air, and beach areas with sufficient training area to exercise command and
control, landing support operations, heavy engineer operations, tactical motor transport,
field medicine, as well as supply and maintenance in a field environment.

4. Marine Corps operating bases for forward deployed units in Japan and Hawaii generally
meet the requirements as stated previously.

5. The Marine Corps base at Twentynine Palms, originally established as an artillery training base and aviation gunnery range, is now the Marine Corps Air Ground Combat Center (MCAGCC). Twentynine Palms' size and location essentially permit unrestricted firing of both artillery and air delivered ordnance. The Headquarters of the 7th Marine Expeditionary Brigade (MEB) and selected subordinate units are located at Twentynine Palms. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. Ten Combined Arms Exercises (CAX) are scheduled each year and are conducted by battalion or larger size units. The Marine Corps Communications-Electronics School is also located at Twentynine Palms to take advantage of the absence of electromagnetic interference and conflicting electromagnetic transmissions.

6. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps Logistics bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little competition from other government agencies or the civilian sector for the required labor skills.

7. The Marine Corps maintains two recruit depots, one at Parris Island, South Carolina and the other at San Diego, California. Generally, recruits from the western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Female recruits are trained only at Parris Island. The geographical locations of the present depots reduce the travel costs of arriving recruits and of graduating Marines. Marine Corps Combat Development Command (MCCDC), Quantico, Virginia is the location of Marine Officer Candidate training and home of the Marine Corps University.

III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures, and other relevant developments.

STRATEGIC FORCES (100)

Not applicable.

The two Fleet Marine Force (FMF) Headquarters - FMFLANT, at Camp Elmore, Norfolk, Virginia, and FMPAC at Camp Smith, Honolulu, Hawaii - are collocated with Headquarters, Commander in-Chief, Atlantic and Pacific, respectively, for command, control, and communications efficiency. The Marine Corps has three active Marine Expeditionary Forces (MEFs). Two MEFs and a portion of the third MEF are based in the United States.

I MEF is based on the West Coast with its command element; and its major ground combat element, the 1st Marine Division (MARDIV), located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation combat element of I MEF, has its fixed wing aviation elements located at Marine Corps Air Station (MCAS) El Toro, California, and MCAS Yuma, Arizona. The helicopter elements of the 3d MAW are located at MCAS Tustin and at Camp Pendleton, California. The 1st Force Service Support Group (FSSG), I MEF's combat service support element is located at Camp Pendleton, with detachments located at El Toro and MCAGCC, Twentynine Palms, California. The Headquarters of the 7th Marine Expeditionary Brigade (MEB), located at Twentynine Palms, California, is designated to marry up with equipment and supplies embarked aboard the Maritime Prepositioning Ships-2. The units that comprise the 7th MEB are located at Twentynine Palms, Pendleton, Tustin, and El Toro, California. Also located at MCAGCC, Twentynine Palms, are a reinforced infantry battalion, a tank and a LAV battalion. An expeditionary airfield has been established to support training at the MCAGCC. Additionally, I MEF is the follow-on force in the event of a conflict in the NATO or Western Pacific areas.

II MEF is based on the East Coast. The 2d MARDIV, the ground combat element of II MEF, is located at Camp Lejeune, North Carolina. Its combat service support element, the 2d FSSG is located at Camp Lejeune with detachments located at MCAS Cherry Point, North Carolina, and MCAS Beaufort, South Carolina. The 2d MAW, the MEF's aviation combat element, has its fixed wing aviation units located at MCAS Cherry Point and at MCAS Beaufort. The helicopter units are located at MCAS New River, North Carolina, adjacent to Camp Lejeune. The East Coast based MEF is the Marine Corps' primary force in the event of a war in the NATO area. The Headquarters of the 6th Marine Expeditionary Brigade (MEB), located at Camp Lejeune, North Carolina, is designed to marry up with equipment and supplies embarked aboard Maritime Prepositioning Ships-1 (MPS-1). The units that comprise the 6th MEB are located in North Carolina at Camp Lejeune, MCAS Cherry Point, and MCAS New River; and in South Carolina at MCAS Beaufort.

III MEF, consisting of ground, aviation, and logistics components, is headquartered at Camp S. D. Butler, Okinawa, Japan. Camp Butler is the collective for all Marine Corps owned camps and facilities which comprise the Marine Corps base structure on Okinawa. The ground combat element of the 3d MARDIV (reinforced) is located at Camp Butler. The combat service support element, 3d FSSG, is located at Camp Butler with a detachment located at MCAS Iwakuni, Japan. The aviation combat element is principally located on Okinawa, Japan. Tactical rotary wing and aerial refueling components are based at MCAS Futenma, Japan, and the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan. Presently, every infantry battalion and tactical aviation squadron and detachment in III MEF is deployed to the Western Pacific from either I MEF, II MEF or the 1st MEB under the Unit Deployment Program. The forward based III MEF is immediately available for contingency operations in the Western Pacific. The 1st Marine Expeditionary Brigade (MEB) may provide additional ground and aviation forces for III MEF.

The 1st MEB is stationed at MCAS Kaneohe Bay, Hawaii, and is designated to marry up with equipment on board Maritime Prepositioning Ships-3 (MPS-3). The ground combat element of the Brigade consists of the 3d Marine Regiment, Brigade Service Support Group, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. Dependents of the deployed personnel are homebased at MCAS Kaneohe Bay and require facilities for their support. The 1st Marine Expeditionary Brigade is immediately available for contingency operations throughout the Western Pacific.

AUXILIARY FORCES (300)

Not applicable.

MISSION SUPPORT FORCES (400)

The Marine Corps Air Ground Combat Center (MCAGCC) was formerly known as Marine Corps Base, Twentynine Palms, California, and is commonly referred to as the "Combat Center". The mission of the Combat Center is to administer and conduct a combined arms program in order to exercise and evaluate participating units in the command, control, and coordination of supporting arms. This mission includes providing the training and guidance for Exercise Forces/Marine Air-Ground Task Forces (MAGTFs) in fire support planning and coordination. To achieve the necessary degree of realism in combat training, live ordnance, innovative training aids, and tactics and techniques of the real world

opposition forces are used. Inherent in this mission is the requirement to examine existing doctrine critically and to provide training opportunities to identify innovative and more efficient means of accomplishing the Fleet Marine Force (FMF) mission.

The 1st Marine Corps District is located at Garden City, New York. Of the 6 Marine Corps recruiting districts, only Garden City holds plant account for its Class 1 and 2 real property. The District is responsible for Marine Corps recruiting activities from the 13 northern counties of New Jersey north through New England. 1st District also hosts the Second Battalion, 25th Marine Regiment (Reserve), and the Defense Contract Audit Agency (DCAA).

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to, enlisted members' billeting and messing, enlisted and staff non-commissioned officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

The Marine Corps Mountain Warfare Training Center (MCMWTC) is located at Pickel Meadows in the Toiyabe National Forest, Mono County, California. The Center provides mission-oriented individual and unit training supportive of the Marine Corps contingency missions on the northern flank of NATO, Southwest Asia, and Northeast Asia. The climate and terrain of MCMWTC is unique, offering high altitude, rugged mountain terrain and severe winter conditions. It is the only such location the Marine Corps has ready access to in the continental United States. Mountain and cold weather skills can only be obtained by training in the environment. In addition to mountain and cold weather skills, the training emphasizes small unit leadership, teamwork, confidence, and physical toughening which are applicable to any operational commitment.

Camp Fuji, Japan, provides critical organic weapons training ranges which are becoming increasingly unavailable on Okinawa. The training area includes hand grenade, demolitions, LAAW, mortar, tank, and artillery ranges. It affords the capability for long range observed fire, tank maneuver, and full emplacement of the Marine tank/infantry team. It also provides a site for cold weather training. It is considered an essential training area to support the Fleet Marine Force, Pacific.

Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present primary mission of the airfield. The installation is divided into two geographical areas, a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic a combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews and for Marine Corps engineer and Naval Construction Battalion personnel in installation, maintenance, use, and operation of EAF equipment.

CENTRAL SUPPORT FORCES (500)

The Marine Corps has logistics support bases in Albany, Georgia, and Barstow, California.

The Marine Corps maintains recruit depots at Parris Island, South Carolina, and San Diego, California.

The Marine Corps Support Activity at Kansas City, Missouri provides data processing support for the Marine Corps automated pay and personnel management systems, personnel administration and logistical support for Marine and other Department of Defense activities in the Kansas City area including the Defense Finance and Accounting Service (DFAS) Center.

The Marine Corps Combat Development Command (MCCDC) is located at Quantico, Virginia. MCCDC provides professional education for Marine Corps Officers and Staff Non-Commissioned Officers at the basic, intermediate and career level through the Marine Corps University. MCCDC also provides officer acquisition training for all Marine Corps officer candidates and infantry skills training for newly commissioned officers. Additionally, MCCDC provides communications initial skill training for Marine Corps officer and enlisted personnel. In addition, MCCDC develops the doctrine, tactics, techniques, and equipment employed by landing forces in amphibious operations and exercises academic supervision of all Marine Corps formal schools. Both the Marine Corps Research, Development, and Acquisition Command (MCRDAC) and the Marine Security Guard (MSG) Development, and Acquisition Command (MCRDAC) and the Marine Security Guard (MSG)

Battalion are also located at MCCDC. The MSG Battalion is charged with the training of Marine Corps security personnel for duty with the Department of State.

Marine Corps Air Facility (MCAF), Quantico, Virginia, provides maintenance and support facilities for the HMX-1 helicopter squadron. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy support distance of the Capitol.

INDIVIDUALS (600)

Not applicable.

IV. BASE OPERATIONS SUPPORT (BOS) COSTS

A summary of the estimated FY 1993 Base Operations Support Costs is at TABLE XI.

V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS

The Marine Corps continues to pursue all means available to reduce base operations costs including:

1. Increased emphasis on operational and infrastructure support in maintenance of real property (MRP), by funding projects that will extend the life of facilities during this period of declining resources.
2. Implementation of audit findings in order to obtain recommended savings.
3. Complying with the energy conservation program in DoD and by continuing the Marine Corps Energy Investment Program. Both of these efforts result in cost avoidance and reduced base operating costs.
4. Construction of projects under the MCN Energy Conservation Program (ECIP).
5. Continuation of the Efficiency Review Program.

6. Continuation of the Commercial Activities Program.
7. Minimizing MILCON and Land Acquisition projects in accordance with DoD moratoriums.
8. Increased host nation funding of base operating support costs in Japan.

BASE CLOSURE

1. The 1991 Defense Base Closure and Realignment Commission recommended the closure of Marine Corps Air Station (MCAS), Tustin; that the housing and community support functions from Tustin be retained to support MCAS El Toro; and that Marine Air Groups (MAGs) 39 and 16 be composited and housed in new facilities to be built at Marine Corps Air Ground Combat Center (MCAGCC), Twentynine Palms, Camp Pendleton, or both with MAG 39 remaining at Camp Pendleton.
2. Further, the Commission recommended that the Secretary of Defense propose for consideration in the Fiscal Year (FY) 92 or 93 Defense Authorization Bill a fair market exchange of land and facilities for construction of military facilities at Twentynine Palms, Camp Pendleton or both. If unsuccessful in FY 92 or 93 the Secretary of Defense should proceed with the relocation utilizing the Defense Base Closure Account.
3. The realignment of a portion of Camp Foster, Marine Corps Base Camp S.D. Butler, announced by the Secretary of Defense on 18 September 1991, is proceeding under the auspices of the Commander, U.S. Forces Japan.

TABLE X - SUMMARY OF MARINE CORPS INSTALLATIONS - SEPTEMBER 30, 1991

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	12	0	3	15
GENERAL PURPOSE (402)	3	0	0	3
CENTRAL SUPPLY AND MAINTENANCE (507)	3	0	0	3
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	4	0	0	4
TOTAL MARINES CORPS	22	0	3	25

DEPARTMENT OF DEFENSE
MARINE CORPS BASE STRUCTURE
United States
September 30, 1991

Installation Name	City	ID/PPC	Cat	Code	Mil	Civ	Other	Tot	Total Acreage	BRC Round	Major Unit-Activity Function
ARIZONA											
MCAS, YUMA	YUMA	202	1	5031	562	219	5612	2930			JET TNG&TAC AVIATION (3DAW)
CALIFORNIA											
MC AIR GD CBT CTR 29 PAINS	PALM SPRINGS	402	1	12420	561	90	13071	595589			COMBINED ARMS TNG, MCGBES
MC BASE, CAMP PENDLETON	OCEANSIDE	202	1	42875	1527	80	44482	186139			FMF GRND UNITS/TRP TNG/OPER
MC LOGISTICS BASE	BAFSTON	501	1	622	2155	17	2794	5688			DEPOT MAINT/SUPPLY & STORAGE
MC RECRUIT DEPOT, SAN DIEGO	SAN DIEGO	508	1	7428	258	25	7711	503			RECRUIT TRAINING
MCAS CAMP PENDLETON	OCEANSIDE	202	1	3344	20	0	3364	343			HELO TNG/OPERATIONS
MCAS, EL TORO	IRVINE	202	1	6447	856	211	7514	5220			HQ 3RD MAW/JET TNG/OPER SPT
MCAS, TUSTIN	TUSTIN	202	1	4721	39	0	4760	1705	91 C		MAG-16/HELO TRAINING/OPER
DIST OF COLUMBIA											
MARINE BARRACKS 8TH & I ST	WASHINGTON	502	2	1063	44	0	1112	5			CEREMONIES/SECURITY
GEORGIA											
MC LOGISTICS BASE ICP	ALBANY	507	2	1060	2731	51	3842	3327			DEPOT MAINT/SUPPLY & STORAGE
HAWAII											
CAMP H. M. SMITH	HONOLULU	202	1	1897	24	49	1970	420			HQ 2MF PAC/HQ CINCPAC/HQ IPAC
MCAS, KANEOHE BAY	KAILUA	202	1	9782	398	74	10254	39392			1ST MRB/JET & HELO TNG OPNS
MISSOURI											
MARINE CORPS SUPPORT ACTY	KANSAS CITY	507	2	623	450	0	1073	98			LOG/ADMIN INCLUDES DFSS
NEW YORK											
GARDEN CITY (1ST DISTRICT)	NEW YORK	502	2	236	963	0	1199	7			RECRUITING
NORTH CAROLINA											
MC BASE, CAMP LEJEUNE	JACKSONVILLE	202	1	32409	1769	164	34342	88432			FMF GRND UNITS/TFP TNG/CBN S
MCAS, CHERRY POINT	HAWELOCK	202	1	9439	1561	167	11567	26683			HQ 2ND MAW/JET TNG & OPNS/NA
MCAS, NEW RIVER	JACKSONVILLE	202	1	5212	315	0	5527	2773			MAG 26/HELO TNG/OPER SUPPORT
SOUTH CAROLINA											
MC RECRUIT DEPOT	PARRIS ISLAND	503	1	7443	281	53	7777	8082			RECRUIT TRAINING
MCAS, BEAUFORT	BEAUFORT	202	1	3202	473	16	3697	6676			MAG-31/JET TNG/OPN SUPPORT
VIRGINIA											

DEPARTMENT OF DEFENSE
 MARINE CORPS BASE STRUCTURE
 United States
 September 30, 1991

Installation Name	City	IDPPC	Cat	BZAC	Total	BZAC	Round	Major Unit-Activity Function
			Code	Acroage				
CAMP ELMORE			202	2	851	5	0	HO FYF LANT
HQMC, HENDERSON HALL	WASHINGTON DC	508	402	2	1784	44	150	HO USMC
MC CBT DEV CND	QUANTICO			2	8970	1381	157	OFF PROF TNG/SKILL TNG/MC IN
					10408		60657	

DEPARTMENT OF DEFENSE
 MARINE CORPS BASE STRUCTURE
 Used by U.S. Forces in Foreign Areas
 September 30, 1991

Installation Name	City	Category	Topographic Code	Mil	Civ	Other	Total	Acreage	BFAC Round	Major Unit-Activity Function
JAPAN										
MARINE CORPS AIR STA, FUTEMMA	FUTEMMA, OKINAWA	202	1	3763	51	0	3814	1198	HELICOPTER SUPPORT	
MARINE CORPS AIR STA, IWAKUNI	IWAKUNI, OKINAWA	202	1	3300	847	0	4147	5620	JET TRAINER/OPER SUPPORT	
MARINE CORPS BASE, CAMP BUTT	FUTEMMA, OKINAWA	202	1	23821	2292	0	26113	45120	TRAINING/OPER SUPPORT	

TABLE XI
MARINE CORPS - BASE OPERATING SUPPORT COSTS - FY 1993
 (\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories & Possessions</u>	<u>Foreign Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	368.3	-	170.4	538.7
Intell/Communications	-	-	-	-
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	9.0	-	-	9.0
Research & Development	-	-	-	-
Central Supply & Maintenance	60.0	-	-	60.0
Training, Medical, & Other General Purpose Activities	96.9	-	-	96.9
Administration & ASSOC. Activities	8.1	-	-	8.1
Support to Other Nations	-	-	-	-
SUBTOTAL	542.3	-	170.4	712.7
Construction	168.4	-	-	168.4
Family Housing OEM	87.5	-	-	80.6
TOTAL	798.2	-	173.5	971.7

APPENDIX A-I
 DEPARTMENT OF DEFENSE
 SUMMARY OF CHANGES
 NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATIONS

SERVICE	NUMBER IN 1991	NUMBER IN 1993	DIFFERENCE
ARMY	172	142	(30)
NAVY	113	160	(13)
AIR FORCE	260	242	(18)
MARINES	26	25	(1)
-----	-----	-----	-----
DOD	631	569	{62}

Note: The military base structure is dynamic. This report reflects 62 fewer major, minor, and support (other) installations than the previous report. Installations have been deleted because: (1) they were closed in the U.S. or U.S. presence was withdrawn overseas; (2) their category was downgraded (i.e. they no longer fit the definition of an installation); (3) their name was changed to reflect their real mission; (4) they were transferred to another Service, and (5) they were merged with another installation to meet the Service definition of installation. Installations have been added: (1) because they were increased in size or importance to now fit the definition of an installation (i.e. their category was "upgraded"); (2) to correct an omission from the previous report, and (3) to reflect their new name or new Service. In addition, the Army has reorganized their structure for Army overseas bases. The following tables summarize the changes. Lists of installations added or deleted follow the summaries.

APPENDIX A-1a
DEPARTMENT OF DEFENSE
SUMMARY OF CHANGES (UNITED STATES)
NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATIONS

<u>SERVICE</u>	<u>NUMBER IN 1991</u>	<u>NUMBER IN 1993</u>	<u>DIFFERENCE</u>
ARMY	117	112	(5)
NAVY	144	132	(8)
AIR FORCE	206	204	(2)
MARINES	22	22	0
-----	-----	-----	-----
DOD	485	470	(15)

Reasons for the changes in the United States

Army: Additions - 1 transfer, 4 category upgrades, 4 omissions
 Deletions - 2 mergers, 1 closure, 11 category downgrades

Navy: Additions - 2 omissions, 1 name change
 Deletions - 2 name changes, 3 closures, 6 mergers

Air Force: Additions - 1 category upgrade
 Deletions - 1 transfer, 2 category downgrades

Marines: Additions - 2 omissions
 Deletions - 2 mergers

APPENDIX A-1b
DEPARTMENT OF DEFENSE
SUMMARY OF CHANGES (U.S. TERRITORIES)
NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATION

<u>SERVICE</u>	<u>NUMBER IN 1991</u>	<u>NUMBER IN 1993</u>	<u>DIFFERENCE</u>
ARMY	1	1	0
NAVY	7	5	(2)
AIR FORCE	2	2	0
MARINES	0	0	0
-----	-----	-----	-----
DOD	10	8	(2)

Reasons for the changes in the United States Territories and Possessions

Army:

Additions - 1 omission
 Deletions - 1 category downgrade

Navy:

Additions - None
 Deletions - 2 mergers

Air Force:

Additions - None
 Deletions - None

Marines:

Additions - NA
 Deletions - NA

APPENDIX A-IC
DEPARTMENT OF DEFENSE
SUMMARY OF CHANGES (FOREIGN)
NUMBER OF CATEGORY 1, 2 AND 3 INSTALLATIONS

<u>SERVICE</u>	<u>NUMBER IN 1991</u>	<u>NUMBER IN 1993</u>	<u>DIFFERENCE</u>
ARMY	54	29	(25)
NAVY	26	23	(3)
AIR FORCE	52	36	(16)
MARINES	4	3	(1)
DOD	136	91	(45)

Reasons for the changes outside the United States and Territories

Army: Additions - 29 Army Support Groups stood up
 Deletions - 54 Military Communities disbanded

Navy: Additions - 1 omission
 Deletions - 2 mergers, 2 withdrawals

Air Force: Additions - None
 Deletions - 3 category downgrades, 13 withdrawals

Marines: Additions - None
 Deletions - 1 merger

SUMMARY OF CHANGES BY INSTALLATION
Additions to 91 Report

State Code	Installation Name	VIC
ARMY		
INDIANA	18 CRANE ARMY AMMO ACT	18173
MARYLAND	24 HOLABIRD, FORT	24400
MICHIGAN	26 US ARMY GARRISON, SELFRIDGE	26832
MISSOURI	29 ST LOUIS ARMY AMMO FLT	29797
PENNSYLVANIA	42 CHARLES E. KELLY SPT FAC	42623
TEXAS	48 BULLIS, CAMP	48145
UTAH	49 STEVEN P. DOUGLAS, AFRC	49184
VIRGINIA	51 PENTAGON RESERVATION STORY, FORT	XX032 51665
BELGIUM	52 80TH ASG	XX001
GERMANY, FEDERAL REP	100TH ASG 103RD ASG 104TH ASG 26TH ASG 29TH ASG 53RD ASG 543RD ASG 54TH ASG 6TH ASG 98TH ASG 99TH ASG ARMED FORCES REC CENTER BERLIN MUNICH SETAF	XX010 XX011 XX012 XX004 XX005 XX006 XX013 XX007 XX003 XX008 XX009 XX014 XX015 XX016 XX017
ITALY	IT 22ND ASG IT 8TH ASG	XX019 XX018

SUMMARY OF CHANGES BY INSTALLATION
Additions to 91 Report

	State Code	Installation Name	UI:
JAPAN	JA	10TH ASG 17TH ASG	XX020 XX021
KOREA, REPUBLIC OF	KS	20TH ASG/AREA IV 23RD ASG/AREA III 34TH ASG/AREA II 501ST CSG/AREA I	XX022 XX023 XX024 XX025
NETHERLANDS	NL	54TH ASG	XX027
PANAMA	PN	U.S. ARMY GARRISON, PANAMA	XX028
PUERTO RICO	PR	BUCHANAN, FORT	PR327
TURKEY	TU	SETAF U.S. ARMY FIELD STATION	XX030 XX029
UNITED KINGDOM	UK	47TH ASG	XX031
AIR FORCE			
NEW HAMPSHIRE	32	NEW BOSTON AFS	RNGF
MARINE CORPS			
MISSOURI	29	MARINE CORPS SUPPORT ACTY	67443
NEW YORK	36	GARDEN CITY (1ST DISTRICT)	67011
NAVY			
NORTH CAROLINA	37	CAMP LEJEUNE NAVAL HOSPITAL	BBBB
OHIO	39	DEFENSE FIN + ACCT CTR	00034
SOUTH CAROLINA	45	BEAUFORT NAVAL HOSPITAL	AAAA
ITALY			

SUMMARY OF CHANGES BY INSTALLATION
Additions to 91 Report

State Code	Installation Name	UIC
IT	NAVAL SUPPORT ACTIVITY	62508

SUMMARY OF CHANGES BY INSTALLATION
 Deletions from 91 Report

State	Code	Installation Name	VIC
ARMY			
CALIFORNIA	06	AFRC, LCS ALAMITOS	06368
	06	ROBERTS, CAMP ANNEX	06741
COLORADO	08	ROCKY MOUNTAIN ARSENAL	08695
HAWAII	15	HELEMANO RADIO STATION	15115
	15	KUNIA FIELD STATION	15880
	15	ZOHARULCA TRAINING AREA	15705
INDIANA	18	ATTERBURY RESERVE TMC AREA	18055
MASSACHUSETTS	25	SOUTH BOSTON SUPPORT ACTIVITY	25075
MICHIGAN	26	DETROIT ARSENAL TANK PLANT	26156
OREGON	41	UMATILLA ARMY DEPOT ACTIVITY	41725
TEXAS	43	SAGINAW ARMY AIRCRAFT PLANT	48251
UTAH	49	DOUGLAS, FORT	49164
VIRGINIA	52	ARLINGTON HALL STATION	51060
WASHINGTON	53	YAKIMA FIRING CENTER	53995
BELGIUM	BE	CHIEVRES AIR BASE	BE010
GERMANY, FEDERAL REP	GE	US Army Base, 7th Army Tng Cmd	GYTGO
	GE	US Army Base, Ansbach	GYANO
	GE	US Army Base, Aschaffenburg	GYABO
	GE	US Army Base, Augsburg	GYAGO
	GE	US Army Base, Bad Kreuznach	GYKHO
	GE	US Army Base, Bad Toelz	GYTOO
	GE	US Army Base, Bamberg	GYBAO
	GE	US Army Base, Baumholder	GYBHO
	GE	US Army Base, Berlin	GYBZO

SUMMARY OF CHANGES BY INSTALLATION
Deletions from 91 Report

State Code	Installation Name	UIC
DE	US Army Base, Darmstadt	GYDNO
DE	US Army Base, Frankfurt	GYFRO
DE	US Army Base, Fulda	GYFDO
DE	US Army Base, Garmisch	GYGAO
DE	US Army Base, Giessen	GYGIO
DE	US Army Base, Goeppingen	GYGPO
DE	US Army Base, Hanau	GYHOO
DE	US Army Base, Heidelberg	GYHDO
DE	US Army Base, Heilbronn	GYHNO
DE	US Army Base, Kaiserslautern	GYKLO
DE	US Army Base, Karlsruhe	GYKAO
DE	US Army Base, Mainz	GYMZO
DE	US Army Base, Mannheim	GYMAO
DE	US Army Base, Munich	GYMHO
DE	US Army Base, Neu Ulm	GYNUO
DE	US Army Base, Norddeutschland	GYHBO
DE	US Army Base, Nuernberg	GYNBO
DE	US Army Base, Pirmasens	GYPSO
DE	US Army Base, Rheinberg	GYRBO
DE	US Army Base, Schweinfurt	GYSWO
DE	US Army Base, Stuttgart	GYSTO
DE	US Army Base, Wiesbaden	GYWBO
DE	US Army Base, Wildfackson	GYHFO
DE	US Army Base, Worms	GYKOC
DE	US Army Base, Wuerzburg	GYFJO
DE	US Army Base, Zweibruecken	GYZHO
ITALY	CAMP DIRBY	IT345
IT	CAMP EDERLE	IT405
JAPAN	CAMP ZAMA	JA210
	NAHA PORT	JA680
	SAGAMI AREA	JA705
KOREA, REPUBLIC OF	CAMP CARROLL	KS116
KS	CAMP CASEY	KS124
KS	CAMP COLEBURN	KS133
KS	CAMP GREAVES	KS972
KS	CAMP HOWZE	KS176
KS	CAMP HUBBREYS	KS792
KS	CAMP MERCER	KS232
KS	CAMP RED CLOUD	KS256
KS	CAMP WALKER	KS300
KS	YONGSAN GARRISON	KS948
PANAMA	DEFENSE COMPLEX, PANAMA	PAZ995
PB	PISTOL TERR. OF PAC IS	PAZ995

STANAG 6006 CHANGES BY INSTALLATION
Deletions from 91 Report

State Code	Installation Name	VIC
TQ	KWAJALEIN MISSILE RANGE	WT100
TURKEY	TU	DILOGHES STATION
UNITED KINGDOM	UK	BURTONWOOD ARMY DEPOT
AIR FORCE		UK050
ALABAMA	01	COUNTER: AFB
HAWAII	15	WHEELER AFB
NEVADA	32	INDIAN SPRINGS AFS
BELGIUM	BE	FLORENTINES AIR BASE
GERMANY, FEDERAL REP	GE	MESSINGOLDENDORF ASN
	GE	FRUEM AIR STATION
	GE	KUESCHEN AIR BASE
	GE	ZIEBENHEGEN AIR BASE
GREENLAND	GL	SONDERSTROM AIR BASE
GREECE	GR	HELLENION AIR BASE
ITALY	IT	COMISO AIR BASE
KOREA, REPUBLIC OF	RS	EWANG JU AIR BASE
	KS	SUNGON AIR BASE
	KS	TAEGU AIR BASE
PHILIPPINES	RP	CLARK AIR BASE
SPAIN	SP	ZARAGOZA AIR BASE
UNITED KINGDOM	UK	RAF GREENHAM COMMON
	UK	RAF MCILWORTH
	UK	RAF WITTERSFIELD
		JNCL QNER YUKJ

1. LIST OF CHANGES BY INSTALLATION
Installations from 91 Report

State Code	Installation Name	UIC
	NAVAL CORPS	
CALIFORNIA	06 MC MOUNTAIN WARFARE TNG CTR	64495
NORTH CAROLINA	37 MCALF, BOGUE	33144
JAPAN	JA CAMP FUJI	674XX
NAVY		
ALASKA	92 NAVAL SECURITY GROUP ACCF	63896
CALIFORNIA	06 NAVAL STATION HUNTERS POINT	17776
LOUISIANA	22 NAVAL STATION LAKE CHARLES 22 NAVAL SUPPORT ACT, NEW ORLEANS	77777 00205
NEW YORK	36 NAVAL STATION STATEN ISLAND	77771
OHIO	39 NAVY FINANCE CTR, CLEVELAND	00034
SOUTH CAROLINA	45 FBM SUBMARINE TRAINING CENTER 45 FLIGHT AND MINE WARFARE TNG CTR	63322 62602
TEXAS	42 NAVAL STATION GALVESTON	77776
VERGINIA	51 FLEET ASW TRAINING CTR, LANT	63401
WASHINGTON	53 NAVAL STATION EVERETT	77772
GUAM	60 NAV COMM AREA MASTER STA, WPAC 60 NAV MAGAZINE, GUAM	70243 60872
GREECE	GR NAV COMM STA, GREECE	70255
ITALY		63000

STORAGE OF CHANGES BY INSTALLATION
Deletions from SI Report

State Code Installation Name GIC
= = =

PHILIPPINES	PP	NAV COMM STA, PHILIPPINES PP	00927 NAVAL MAGAZINE, MANIC BAY 62307
-------------	----	---------------------------------	---

APPENDIX A-II
List of Selected Foreign Sites

Army
Navy
Air Force

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	US Civ	Other	Authorized Endstrength	Total	Acres
NOTE: This list correlates Army Community's administrative structures for managing its foreign bases with the "Installation-Equivalent" described in Chapter 2. For Europe, the list matches their new Area Support Groups (ASG) and Base Support Battalions (BSB) with the old Military Community structure. "NA" under "Acres" indicates sites of less than one acre or the data is not available. Population data is drawn from the July 1991 Army Stationing and Installation Plan.									
Belgium	80TH ASG (Mons)/BELGIUM MIL COM								
	CHIEVRES AREA		HOUSING						
		CHATEAU GENDERBIELEN	AIRFIELD	196	287	71	954	20	1082
		CHIEVRES AIRBASE	HQ/ADMIN	233	13	48	294	NA	26
		DAUMERIE CASERNE	COMMO						4
		EVERBERG AFN FAC	ARMENAL						12
		OLEN STORAGE FAC	HQ/ADMIN	1511	240	144	1895	NA	71
		SHAPE HQTRS							
	REMOTE SITES		ARSENAL	16	60	115	131	NA	NA
		GROBBENDONK SITE	SCHOOLS	103	60	341	504	20	NA
		STERREBEEK DEP SCHOOL	ARSENAL	20		255		NA	
		ZUTENDAAL SITE							
France	200TH TAMMC		OTHER						
	REMOTE SITES		ANGRIE PUMP STA						
		AUGERS PUMP STA	OTHER						
		AVON OPERATION & MNT COMPLEX	OTHER						
		CHALONS 'A' FARM + HPPS	OTHER						
		CHALONS 'B' FARM	OTHER						
		CHALONS 'C' FARM	OTHER						
		CHALONS 'D' FARM	OTHER						
		DONGES 'A' FARM + JETTY	OTHER						
		DONGES 'B' FARM + HPPS	OTHER						
		DONGES 'C' FARM	OTHER						
		DONGES 'D' FARM	OTHER						
		DONGES-METZ H.P. PIPELINE	OTHER						
		LA FERTE-ALAIS 'A' FARM	OTHER						
		LA FERTE-ALAIS 'B' FARM + HPPS	OTHER						
		LA FERTE-ALAIS 'C' FARM	OTHER						
		LA FERTE-ALAIS 'D' FARM	OTHER						
		LAMONT PUMP STATION	OTHER						
		LOGRON PUMP STATION	OTHER						
		ST GERVAIS PUMP STA	OTHER						
		ST. BAUSSANT 'A' FARM	OTHER						
		ST. BAUSSANT 'B' FARM	OTHER						

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country	ASG/BSB/Military Community Ins. -Allition-Equivalent	Site Name	Function	Mil	US Civ	Other	Authorized Strength	End Strength	Total	Acres
Germany	6TH ASG (Stuttgart)/STUTTGART MIL COM	BOEBLINGEN/SINDELFINGEN ABOEBLINGEN FAM HSG BOEING INGEN OFFICERS CLUB BRI INGEN RANGE BOT INGEN TNG AREA PAP L ASERNE, STUTTGART PAI L FAF RANGE	HOUSING RECREATION TRAINING TRAINING HQ/ADMIN HQ/ADMIN	625	110	245	980	89	2221	25
	LUDWIGSBURG/KORNWESTHEIM FLU KRAE FAF KORNWESTHEIM LUDWIGSBURG FAF KORNWESTHEIM PATTONVILLE FAF KORNWESTHEIM STUTTGART L STR FAM HSG WILKIN BARRACKS	HQ/ADMIN HQ/ADMIN HQ/ADMIN HOUSING HOUSING HQ/ADMIN	727 551 355 62 230	15 26 105	70 43 186 105	1 1 1 1	819 609 567 397	44 28 29 170	19	2
	EHRINGEN/DEGERLOCH ARKELLEY BARRACKS, STUTTGART MOEHRINGEN FAM HSG	HQ/ADMIN HOUSING	411	65	29	1	505	67	33	6
	NELLINGEN/ESSLINGEN AREA ECHTERDINGEN AIRFIELD NELLINGEN KASERNE	AIRFIELD HQ/ADMIN	912 1262	431	226	1	914	235	307	25
	VAIHINGEN AREA	HOUSING HQ/ADMIN HOUSING	1473	338	100	1	1911	39	109	19
	ZUFFENHAUSEN/BAD CANNSTADT HOSPITAL GRENADIER KASERNE KORNWESTHEIM AIRFIELD & TNG AREA KORNWESTHEIM GOLF COURSE OSTERHOLZ STOR ROBINSON BARRACKS ROBINSON-GRENADIER FAM HSG STUTTGART ADMIN FAC STUTTGART DEPENDENT SCHOOL WALLACE & MCGEE BARRACKS WEILIMDORF WHSE	HOSPITAL HQ/ADMIN AIRFIELD RECREATION ARSENAL HQ/ADMIN HOUSING HQ/ADMIN SCHOOLS HQ/ADMIN OTHER	434 67 2 4 234 636 18	79 153 1 1 636 143 149	195 1260 4 36 94 1015 180 22	1 1 1 1 1 1 1	708 1480 6 37 111 1015 347 22	31 21 235 324 59 53 136 2 11 23	109 48	19
	26TH ASG (Heidelberg)/HEILBRONN MIL COM	HOUSING HQ/ADMIN	483	163	306	2	360	54	572	58
	HEILBRONN AREA	KENNEDY VILL FAM HSG WHARTON BARRACKS								
	REMOTE SITE	SIEGELSBACH AMMO FAC								
		ARSENAL	450							413

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	Authorized Endstrength	US Civ	Other	Total	Acres
26TH ASG (Heidelberg)/284TH BSB (Heidelberg)/HEIDELBERG MIL COM	HEIDELBERG AREA	CAMPBELL BARRACKS EDDINGEN RADIO RCRV FAC HAMMONDS BARRACKS HEIDELBERG AFN RELAY FAC HEIDELBERG AIRFIELD HEIDELBERG COMMUNITY SPT CTR HEIDELBERG GOLF COURSE HEIDELBERG HOSPITAL KILBOURNE KASERNE MARK TWAIN VILL FAM HSG OFTERSHEIM SMALL ARMS RANGE PATRICK HENRY VILL FAM HSG RHEINAU KASERNE SCHWETZINGEN TNG AREA SECKENHEIM AUTOBAHN KASERNE TOMPKINS BARRACKS	HQ/ADMIN COMMO HQ/ADMIN COMMO AIRFIELD OTHER RECREATION HOSPITAL HQ/ADMIN HOUSING TRAINING HOUSING HQ/ADMIN TRAINING HQ/ADMIN TRAINING HQ/ADMIN TRAINING COMMO	1753 26 6 193 137 RECREATION HOSPITAL HQ/ADMIN HOUSING TRAINING HOUSING HQ/ADMIN TRAINING HQ/ADMIN TRAINING HQ/ADMIN TRAINING COMMO	822 58 5 425 827 1389 232 166 161 363 41 220 23 22 29 29 50 289 5	172 56 56 827 1389 1138 341 103 79 23 41 267 74 35 422 878 29 29 72 643 12	2747 26 64 254 1389 1138 413 13 74 2550 878 29 34 275 29 203 1767 12	77 35 19 44 126 23 13 74 35 2550 275 34 203 89 5	42 35 19 44 126 23 13 74 35 2550 275 34 203 89 5
26TH ASG (Heidelberg)/291ST BSB (Karlsruhe)/KARLSRUHE MIL COM	GERMERSHEIM AREA	BERG STOR PT CAMP THOMAS NAST GEINSHEIM ACTIVITY GERMERSHEIM AMMO AREA GERMERSHEIM ARMY DEPOT GERMERSHEIM RTO FAC KANDEL TNG AREA WOERTH BIVOUAC AREA	ARSENAL HQ/ADMIN OTHER ARSENAL DEPOT HQ/ADMIN TRAINING TRAINING ARSENAL COMMO HQ/ADMIN AIRFIELD OTHER TRAINING HQ/ADMIN HQ/ADMIN HOUSING HOUSING HQ/ADMIN HQ/ADMIN COMMO	97 3 434 70 1137 75 29 73 45 338 267 7 159 33 4 3 107 9	4 2 70 1353 45 1857 3 63 246 581 352 29 584 750 338 267 7 159 33 4 3 107 5	101 49 1857 3 63 246 581 2164 29 199 36 75 1520 163 267 31 199 176 7 10 695 991 41 10	35 47 454 246 454 3 63 246 581 215 199 36 75 163 31 199 176 7 10 33 7 10 33 41 10	131 35 47 246 454 3 63 246 581 215 199 36 75 163 31 199 176 7 10 33 7 10 33 41 10	1
26TH ASG (Heidelberg)/291ST BSB (Karlsruhe)/KARLSRUHE MIL COM	REMOTE SITE	FELDBERG COMM FAC	COMMO	119	5	4	18	1	

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	US Civ	Other	Authorized Endstrength	Total	Acres
26TH ASG (Heidelberg)/293RD BSB (Mannheim)/MANNHEIM MIL COM	MANNHEIM AREA	BEN FRANKLIN VIL FAM HSG COLEMAN BARRACKS MANNHEIM EDIGHEIM BEACON SITE FRIEDRICHSEFIELD QM SYC CTR FRIEDRICHSEFIELD STOR AREA FUNARI BARRACKS LAMPERTHEIM AMMO AREA LAMPERTHEIM BRIDGE TNG SITE LAMPERTHEIM TNG AREA RHEINAU COAL PT D-1 SPINELLI BARRACKS SULLIVAN BARRACKS TAYLOR BARRACKS TURLEY BARRACKS VIERNHEIM-LORSCH AMMO STOR	HOUSING HQ/ADMIN COMMO OTHER ARSENAL HQ/ADMIN ARSENAL TRAINING TRAINING OTHER OTHER HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN ARSENAL	105 3106 14 202	763 153 42 232	234 366 178 264	1122 3625 234 698	231 580 40 30	231 580 40 30
26TH ASG (Heidelberg)/293RD BSB (Mannheim)/WORMS MIL. COM	KRIEGSFELD AREA	HAIDE LABOR SVC CAMP WEIERHOF FAM HSG	HOUSING HOUSING	3	14	77	249	249	16
	WORMS AREA	DE LA POLICE KASERNE GRUENSTADT AAFES FAC HARDENBURG COMM STA HL516 KERZENHEIM COMM FAC LEISTADT COMM FAC HILL 460 TAUKUNEN BARRACKS THOMAS JEFFERSON VIL FAM HSG WORMS ATHLETIC FIELD WORMS COMMUNITY PARK WORMS QM AREA WORMS R&U AREA WORMS TNG AREA	HQ/ADMIN OTHER COMMO COMMO COMMO HQ/ADMIN HOUSING RECREATION OTHER OTHER OTHER TRAINING	100 7	10 12	34 1083	144 1102	20 64 5 2 2 31 35 11 41 7 7	25 64 5 2 2 31 35 11 41 7 7
	REMOTE SITES	DANNENFELS COMM STA LOHNSFELD COMM STA QUIRNHEIM MISSILE STA SCHOENBORN MISSILE STA	COMMO COMMO AIR DEF SITE AIR DEF SITE	44 48	3 24	7 66	54 138	344 31	41
								129	

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	Authorized US Civ	Endstrength	Total	Acres
REMOTE SITE	FISCHBACH ORD DEPOT	ARSENAL		515	18	57	590	1670
53RD ASG (Bad Kreuznach)/BAD KREUZNACH MIL COM								
BAD KREUZNACH AREA	BAD KREUZNACH AIRFIELD BAD KREUZNACH FAM HSG BAD KREUZNACH HOSPITAL FUERFELD CLASS III & V PT GEORGE C MARSHALL KASERNE MINICK KASERNE MOERSFELD STOR PT RHEINGRAFFENSTEIN TNG & STOR AREA ROSE BARRACKS	AIRFIELD HOUSING HOSPITAL ARMENAL HQ/ADMIN HQ/ADMIN ARMENAL TRAINING HQ/ADMIN	6 426 1 72 329 1 1303	39 38 258 5 24 57	78 202 597 3 24 103	6 117 660 927 337 24 14. -	29 75 20 109 52 9 201 46	
DEXHEIM AREA	ANDERSON BARRACKS CAMP OPPENHEIM TNG AREA DEXHEIM FAM HSG DEXHEIM MISSILE FAC	HQ/ADMIN TRAINING HOUSING AIR DEF SITE	1366	4	39	1409	124 161 20 41	
53RD ASG (Bad Kreuznach)/MAINZ MIL COM								
MAINZ AREA	AZBILL BARRACKS DR M L KING VILLAGE DRAGONER KASERNE FINTHEN AIRFIELD FINTHEN FAM HSG FINNHERLANDSTR FAM HSG LEE BARRACKS MAINZ ARMY DEPOT MAINZ R&U AREA MCCULLY BARRACKS MOBBACH MAINT PLANT OBEROLMERWALD CL III STORE SANDFLORA FAM HSG UHLERBORN HOUSING AREA WACKERNHEIM MAINT FAC WACKERNHEIM-SCHWABENWAELDCHEN TA	HQ/ADMIN HOUSING HQ/ADMIN AIRFIELD HOUSING HOUSING HQ/ADMIN DEPOT OTHER HQ/ADMIN DEPOT ARMENAL HOUSING HOUSING OTHER TRAINING	217 1 64 132 366 47 1162	19 235 109	19 580 8 36 3762 2	217 39 929 132 419 3918 1164 17 17	6 62 6 455 8 9 272 59 13 77 50 160 13 57 22 23	

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	US Civ	Other	Authorized Endstrength	Total	Acres
53RD ASG (Bad Kreuznach)/222ND BSB (Baumholder)/BAUMHOLDER MIL COM									
BAUMHOLDER AREA	BAUMHOLDER AIRFIELD BAUMHOLDER FAM HSG BAUMHOLDER HOSPITAL BAUMHOLDER QM AREA BAUMHOLDER TAC DEF MISSILE FAC PFEFFELBACH WATERWORKS SMITH BARRACKS, BAUMHOLDER WETZEL FAM HSG	BAUMHOLDER AIRFIELD HOUSING HOSPITAL OTHER AIR DEF SITE OTHER HQ/ADMIN HOUSING HQ/ADMIN	AIRFIELD HOUSING HOSPITAL OTHER AIR DEF SITE OTHER HQ/ADMIN HOUSING HQ/ADMIN	24	23 5	32 3	50 61 3	94 13 53	47
NEUBRUECKE AREA	BIRKENFELD HSG FAC HOPPSTAEDTEN AIRFIELD HOPPSTAEDTEN SEWAGE TREAT PLT HOPPSTAEDTEN WATERWORKS NEUBRUECKE HOSPITAL	HOUSING AIRFIELD OTHER OTHER HOSPITAL	HOUSING AIRFIELD OTHER OTHER HOSPITAL	1183	60	78	1321	109	6 105 5 18 109
STRASSBURG AREA	IDAR OBERSTEIN FAM HSG NAHBOLLENBACH STOR AREA STRASSBURG KASEINE WINTERHAUCH STOR AREA	HOUSING ARSENAL HQ/ADMIN ARSENAL	HOUSING ARSENAL HQ/ADMIN ARSENAL	239	27	4 110	614 376	90 40 182	31 31 747
REMOTE SITE	BALESFELD MISSILE STA	AIR DEF SITE	AIR DEF SITE	591			591	80	3
54TH ASG (Brunssum)/RHEINBERG MIL COM									
GREFRATH AREA	HAMMINKELN COMM FAC HERONGEN STOR AREA HINSBECK COMM FAC SOUTH PARK STOR AREA TWISTEDEN AMMO AREA WINDBERG BARRACKS	COMM ARSENAL COMM ARSENAL COMM ARSENAL HQ/ADMIN	COMM ARSENAL COMM ARSENAL COMM ARSENAL HQ/ADMIN	8 21 111 98 19 6	51 1 1 2	259 231 366 168 23	280 393 465 187 31	NA NA NA NA 3	531 379 239 747
REMOTE SITES	DUELMEN COMM FAC KALKAR HSG AREA MUNSTER COMM FAC SIMPSON BARRACKS	COMM HOUSING COMM OTHER	COMM HOUSING COMM OTHER	46 119	15	15	149	1	NA NA NA 3
98TH ASG (Wurzburg)/ASCHAFFENBURG MIL COM									
ASCHAFFENBURG AREA	ASCHAFFENBURG FAM HSG ASCHAFFENBURG TNG AREAS (8) BREITSOL COMM STA FLORI BARRACKS GRAVES BARRACKS JAEGER BARRACKS READY BARRACKS SMITH BARRACKS, ASCHAFFENBURG	HOUSING TRAINING COMM HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN	HOUSING TRAINING COMM HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN	15 206 26 91 11 77	2 1 1 8 2 1	28 11 8 2 1 1	3 236 38 176 2 1	18 37 47 16 28 15	78 3 37 47 16 28 15

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Authorized Endstrength			Acres
			Mil	US CIV	Other	
MERRELL BARRACKS AREA	FEUCHT POL STOR FAC MERRELL BARRACKS NUERNBERG ATHLETIC FIELD PASTORIUSSTR FAM HSG REINWARZHOFEN RAD REL FAC	ARMENAL HQ/ADMIN RECREATION HOUSING COMMO	65 26	93 2	51 2	209 26 24
NUERNBERG AREA	DAMBACH FAM HSG DARBY KASERNE FUERTH SHOPPING CTR JOHNSON BARRACKS KALB FAM HSG MONTEITH BARRACKS NUERNBERG COAL YARD NUERNBERG HOSPITAL NUERNBERG TRANSIENT BILLETS	HOUSING HQ/ADMIN OTHER HQ/ADMIN HOUSING HQ/ADMIN OTHER HOSPITAL HOUSING	1769 2 486 1122 489	1186 38 73 66 341	236 1210 30 18 46	3251 101 14 131 111 311 8 29
SCHWABACH AREA	SCHWABACH FAM HSG SCHWABACH RANGE SCHWABACH TNG AREA	HOUSING TRAINING TRAINING				9 16 225
ZIRNDORF AREA	BERBACH RANGE PINDER BARRACKS	TRAINING HQ/ADMIN	226	35	15	276
99TH ASG (Nuernberg)/235TH BSB (Ansbach)/ANSBACH MIL COM						
ANSBACH AREA	BARTON BKS BLEIDORN FAM HSG BLEIDORN KASERNE FEUCHTLACH TNG AREA HINDENBURG KASERNE KATTERBACH KASERNE URLA TNG AREA	HQ/ADMIN HOUSING HQ/ADMIN TRAINING HQ/ADMIN HQ/ADMIN TRAINING	205 51 382 1342 591	6 5 275 12 3	45 25 424 137 3	256 81 1081 1491 597
CRAILSHEIM AREA	CRAILSHEIM FAM HSG CRAILSHEIM TNG AREA MCKEE BARRACKS	HOUSING TRAINING HQ/ADMIN	172	16	183	371
ILLESHEIM/OBERDACSTETTEN	GERHARDSHOFEN FWD STORAGE SITE OBERDACSTETTEN FAM HSG OBERDACSTETTEN TNG AREA STORCK BARRACKS	ARMENAL HOUSING TRAINING HQ/ADMIN			31	31
REMOTE SITE	HOHENSTADT RADREL STA	COMMO	19	2	21	6

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	US CIV	Other	Total	Acres
99TH ASG (Nuernberg)/235TH BSB	(Ansbach)/HEILBRONN MIL COM							
SCHWAEBISCH HALL AREA	DOLAN BARRACKS EINKORN AFN FAC HESSENTAL FAM HSG MATHESHOERLEBACH RANGE		HQ/ADMIN COMMO HOUSING TRAINING	399	136	5	18	
REMOTE SITE	LASSBACH FWD STOR SITE		ARSENAL	78				
99TH ASG (Nuernberg)/236TH BSB	(Augsburg)/AUGSBURG MIL COM							
AUGSBURG AREA	AUGSBURG QM SUPPLY CTR BONNSTETTEN RADIO RELAY FAC CENTERVILLE FAM HSG CRAMERTON FAM HSG FLAK KASERNE, AUGSBURG FRYAR CIRCLE FAM HSG GABLINGEN KASERNE LECHFELD TNG AREA MARXHEIM RIVER TNG AREA REESE BARRACKS SHERIDAN KASERNE SULLIVAN HEIGHTS FAM HSG		OTHER COMMO HOUSING HOUSING HQ/ADMIN HOUSING HQ/ADMIN TRAINING TRAINING HQ/ADMIN HQ/ADMIN HOUSING	6	3	3	6	37
99TH ASG (Nuernberg)/236TH BSB	(Augsburg)/MUNICH MIL COM							
AUGSBURG AREA	FRASDORF OPERATIONS AREA		TRAINING					2
BAD AIBLING AREA	BAD AIBLING KASERNE		HQ/ADMIN	322	1	4	327	318
BERCHTESGADEN AREA	BERCHTESGADEN ACCOM BUILDING BERCHTESGADEN COMMUNITY CTR BERCHTESGADEN HOF FAC GEN WALKER HOTEL HINTERBRAND OUTDOOR EDUC AREA STANGGASS CAMP AREA STRUB KASERNE		HQ/ADMIN RECREATION RECREATION RECREATION OTHER HQ/ADMIN HQ/ADMIN	1	4	4	NA	NA
GARMISCH AREA	ARTILLERY KASERNE, MUNICH GARMISCH FAM HSG GARMISCH SHOPPING CENTER		HQ/ADMIN HOUSING OTHER	2	1	5	7	NA
REMOTE SITE	GUENZBURG COMM FAC		COMMO	208	1	1	210	1

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country ASG/BSB/Military Community Installation-Equivalent

99TH ASG (Huerenberg)/279TH BSB (Bamberg)/BAMBERG MIL COM
BAMBERG AREA
BAMBERG AIRFIELD
BAMBERG STOR & RANGE AREA
FAYIN FAM HSG & TNG AREA
ROTHENSAID FWD STOR SITE
WARNER BARRACKS
WARNER BKS FAM HSG

100TH ASG (Grafenwoehr) 17TH ARMY TNG CTR

AMBERG AREA

WILZSCHEN	WILZSCHEN TNG AREA
FRECHETSFELD	RADIO SITE
FREIHOEHLER TNG AREA	
FUCHSTEIN	STORAGE AREA
POND	BARRACKS
HIRSCHAU	TNG AREA
ROEHNSEE	KÜSERNE
BAYREUTH/BINDLACH	AREA
GRAFENWOEHR	AREA

REGENSBURG AREA **PIONEER KASERNE, HOHENFELS**
REGENSBURG FAM HSG

100TH ASG (Grafenwoehr)/283RD BSB (Wildflecken)/WILDFLECKEN MIL COM
WILDFLECKEN AREA

CAMP WILDFLECKEN
REUSSENDORF AMMO STOR AREA
WILDFLECKEN FAM HSG
WILDFLECKEN QM SUP PT
WILDFLECKEN TAC DEF SITE
WILDFLECKEN TING RANGE

Function	Mil	US Civ	Other	Authorized End Strength	Acres
AIRFIELD ARSENAL HOUSING	260			260	236 432 2613
ARMED FORCES ADMIN	2099	285	618	3262	24 227 13
AIRFIELD HOUSING	11			11	41 9 3
COMMO					340 NA
TRAINING					43
ARMENAL					NA
HQ/ADMIN					7
TRAINING					2699
HQ/ADMIN					51685
ARMENAL					
ARSENAL	3819	494	947	5260	2193
TRAINING	5920	313	984	7217	39170
HQ/ADMIN	221	2	2	225	3
HOUSING					

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

County ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Authorized End Strength			Total	Acres
			Mil	US City	Other		
103RD ASG (Frankfurt)/FRANKFURT MIL COM							
BAD VILBEL AREA	BAD VILBEL FAM HSG BAD VILBEL TNG AREA CAMP KING DRAKE BARRACKS EDWARDS FAM HSG ROSE AIRFIELD WEISSKIRCHEN AFN TRANS FAC	HOUSING TRAINING HQ/ADMIN HQ/ADMIN HOUSING AIRFIELD COMMO	174 605	36 3	52 8	262 616	39 35
BORNHEIM AREA	ATTERBEARY FAM HSG BETTS HSG FRANKFURT CONSOLIDATED MTR PL FRANKFURT HOSPITAL FRANKFURT MORTUARY GIBBS BARRACKS GIBBS FAM HSG OFFENBACH BARRACKS OFFENBACH SPT FAC	HOUSING HOUSING OTHER HOSPITAL OTHER HQ/ADMIN HOUSING HQ/ADMIN OTHER	10 791	9 487	206 128	225 1386	31 21
FRANKFURT AREA	AM FISCHSTEIN FAM HSG FRANKFURT AFM STA FRANKFURT AUTOBAHN SVC FAC FRANKFURT COMMUNITY AREA FRANKFURT GRUENHOF AREA FRANKFURT HOS AREA FRANKFURT SHOPPING CTR GRUENEBURG PARK ADMIN FAC HANSA ALLEE FAM HSG HAUSEN EQUIP MAINT CTR HEDDERNHEIM STOR F/C HUEGELSTR FAM HSG KENNEDY KASERNE PLATENSTR FAM HSG SIEGEL BOO AREA VON STEUBEN FAM HSG	HOUSING COMMO OTHER RECREATION HQ/ADMIN HQ/ADMIN OTHER HQ/ADMIN HOUSING OTHER ARSENAL HOUSING HQ/ADMIN HOUSING HOUSING HOUSING	48	25	8	81	2
HOECHST AREA	AG PUB & TNG AIDS CTR ESCHBORN STORAGE AREA HOESCHT FAM HSG ROEDELHEIM ORDNANCE FAC SCHWANHEIM CALIBRATION LAB	HQ/ADMIN ARSENAL HOUSING ARSENAL OTHER	11	47	195	253	10 38 10 28 14
			109	17	304	430	
			27	3	36	36	

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation Equivalent	Site Name	Function	MIL	US Civ	Encl	Range	Total	Acres
103RD ASG (Frankfurt)/221ST BSB (Wiesbaden)/WIESBADEN MIL COM	WIESBADEN AREA	AMELIA EARHART HOTEL AMERICAN ARMS HOTEL AUKAMM HSG AREA CAMP PIERI CRESTVIEW HSG AREA HAINERBERG HSG & SHOP CTR KASTEL HSG AREA KASTEL STOR FAC RHEINBLICK REC ANNEX SCHIERSTEIN HSG AREA WEISBADEN AB WEISBADEN SMALL ARMS RANGE WEISBADEN SVC ANNEX	HOUSING HOUSING HOUSING HQ/ADMIN HOUSING HOUSING HOUSING ARSENAL RECREATION HOUSING AIRFIELD TRAINING OTHER	992	7	42	1041	15	5
103RD ASG (Frankfurt)/233RD BSB (Darmstadt)/DARMSTADT MIL COM	BABENHAUSEN AREA	BABENHAUSEN FAM HSG BABENHAUSEN KASENE	HOUSING HQ/ADMIN	1997	1	4	2001	7	NA
DARMSTADT AREA	BENSHEIM MAINT & SUPPLY FAC CAMBRAI FRITSCH KASERNE DARMSTADT CAREER CTR EGBLSBACH TRANSMTR FAC ERNST LUDWIG KASERNE GRIESHEIM AIRFIELD GRIESHEIM MISCHLE FAC JEFFERSON VILLAGE FAM HSG KELLEY BARRACKS, DARMSTADT LEEHIM BRIDGE TNG AREA LINCOLN VILLAGE FAM HSG MESSEL SMALL ARMS RANGE NATHAN HALE QM AREA OBER-DARMSTADT MAINT PLT ST BARBAP VILLAGE FAM HSG WALLDORF AMMO AREA	OTHER HQ/ADMIN HQ/ADMIN COMMO HQ/ADMIN AIRFIELD AIR DEF SITE HOUSING HQ/ADMIN TRAINING HOUSING TRAINING HQ/ADMIN OTHER HOUSING ARSENAL	1398	400	693	2422	220	7	
REMOTE SITES	MELUBOKUS RADIO RELAY STA MUENSTER AMMO DEPOT	COMM ARSENAL	283	1	819	989	246	NA	
104TH ASG (Hanau)/HANAU MIL COM	ARMSTRONG AREA	HQ/ADMIN	18	1	8	18	5	5	
			743			744		706	59
			912	24	51	987			

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries**
September 30, 1991

Country ASG/BSB/Military Community Installation—Equivalent

Function	Mi	Authorized Endstrength	Acres	
		US Civ	Other	Total
ARMED FORCES TRAINING	2	85	10	97
HOUSING	249			249
ARMED FORCES TRAINING	249			249
HQ/ADMIN	75	59	134	51
HQ/ADMIN	1	8	9	NA
TRAINING	2102	72	62	2236
HOUSING	130	15	36	181
AIRFIELD	915	19	328	1262
OTHER	1386	174	51	1611
HQ/ADMIN	1	9	9	18
TRAINING	2915	180	321	3416
HOUSING	66	66	66	95
HQ/ADMIN	1	226	79	306
COMMO	371	780	1151	4
OTHER	36	138	176	3
OTHER				11
TRAINING	1164	1	91	1256
HQ/ADMIN				49
HOUSING				21
OTHER				27
ARMED FORCES TRAINING	20			20
HOUSING				6
AIRFIELD				515
ARMED FORCES TRAINING				17
ARMED FORCES TRAINING				20
ARMED FORCES TRAINING				3
ARMED FORCES TRAINING				98
ARMED FORCES TRAINING				738
HQ/ADMIN	2190	107	538	2835
HOUSING				21
AIRFIELD				147
ARMED FORCES TRAINING				26
ARMED FORCES TRAINING				9
ARMED FORCES TRAINING				21
AIRFIELD	765	8	28	801

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	MII	US Civ	Endstrength	Other	Total	Acres
REMOTE SITE		ULRICHSTEIN BILLETTING AREA	HOUSING					7	
104TH ASG (Hanau)/234TH BSB (Giessen)/GIESSEN MIL COM									
FRIEDBERG AREA	ALVIN YORK VIL FAM HSG FRIEDBERG TNG & STOR SITE MCARTHUR PLACE FAM HSG RAY BARRACKS		HOUSING TRAINING HOUSING HQ/ADMIN	2	40	23	65	23	9509
GIESSEN AREA	DAUPHIE BOY SCOUT CAMP FLENSUNGEN FWD STOR SITE GEORGE C MARSHALL VIL FAM HSG GIESSEN AMMO AREA GIESSEN CL I PT GIESSEN CL II & IV DEPOT GIESSEN COMM FAC GIESSEN COMMUNITY FAC GIESSEN GENERAL DEPOT GIESSEN TNG AREAS HOMMERTSHAUSEN GIRL SCOUT CAMP JOHN F DULLES VIL FAM HSG MARBURGEN STOR FAC PENDLETON BARRACKS RIVERS BARRACKS ROTHWESTERN TECH OPS FAC SCHWARZENBORN RADIO RELAY SITE		RECREATION ARSENAL HOUSING ARSENAL OTHER TRAINING COMMO RECREATION DEPOT TRAINING RECREATION HOUSING ARSENAL HQ/ADMIN HQ/ADMIN OTHER COMMO	6	327	163	1992	10	188
KIRCH- GOENS AREA	AYERS KASERNE SUTZBACH TNG AREA & RANGE GEORGE GERSHWIN FAM HSG KRANSBERG FACILITIES ROMAN WAY VIL FAM HSG SCHLOSS KASERNE		HQ/ADMIN TRAINING HOUSING OTHER HOUSING HQ/ADMIN	10	71	13	94	4	927
REMOTE SITES	BUEREN COMM FAC CAMP PAUL BLOOMQUIST HERBORNSEELBACH COMM FAC KOETERBERG RADIO RELAY SITE LINDERHOFE COMM STA WT MEISSNER EADIO RELAY STA		COMMO SECURITY COMMO COMMO COMMO	134	4	2	140	4	63

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country	ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Mil	US Civ	Other	Authorized End Strength	Total	Acres
543RD ASG (Bremhaven)/NORDDEUTSCHLAND MIL COM	BREMERHAVEN AREA	BLINK FAM HSG BREMERHAVEN DUCK AREA BREMERHAVEN HOSPITAL BREMERHAVEN RTO CARL SCHURZ KASERNE ENGEMOOR FAM HSG	HOUSING PORTS HOSPITAL HQ/ADMIN HQ/ADMIN HOUSING	5 267 1474	55 100 357	23 63 1268	71 133 3098	40 28 9 3 372 15	
	GARLSTEDT AREA	LUCIUS D CLAY KASERNE OSTERHOLZ-SCHARMBECK CENTRUM	HQ/ADMIN HQ/ADMIN	1922 19	132 4	832 141	2686 164	348 38	
	REMOTE SITES	DOERVERDEN COMM FAC DUENSEN COMM FAC FLENSBURG COMM FAC KELLINGHUSEN COMM FAC LANGENDAMM COMM FAC SOEGEL COMM FAC WOBECK ELECTRONIC TEST FAC	COMMO COMMO COMMO COMMO COMMO HQ/ADMIN SECURITY	6 62 62 246 7	44 2 2 12 2	2 2 29 29	8 64 2 287 9	1 5 2 13 29	
	ARMED FORCES REC CENTER (Garmisch)/MUNICH MIL COM	CHIEMSEE REC AREA	RECREATION				42		
	BERNAU AREA	BREITENAU SKIET RANGE GARMISCH GOLF COURSE GARMISCH SUPPLY AREA GEN ABRAMS HOTEL & DISP GEN PATTON HOTEL GEN VON STEUBEN HOTEL HAUSBERG SKI AREA SCHERIDAN BARRACKS	RECREATION RECREATION RECREATION RECREATION RECREATION RECREATION RECREATION HQ/ADMIN				49 73 NA 16 11 1 77	1 1 1 16 1 1 26	

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country
ASG/BSD/Military
Community
Installation-Equivalent

Country ASG/BSD/Military Community Installation-Equivalent	Site Name	Function	Authorized Endstrength				Acres
			Mil	US Civ	Other	Total	
BERLIN/BERLIN BRIGADE	AAFFES WHSE & 4 SEASON STORE	OTHER	5	2	8	16	
BERLIN AREA	AFN STATION & APO	COMMO	2	16	109	16	
	AM DREIPFÜHL FAM HSG	HOUSING					
	ANDREWS BARRACKS	HQ/ADMIN	6	2	8	14	
	BERLIN AAFFES GARAGES	OTHER					
	BERLIN AMERICAN HS	SCHOOLS					
	BERLIN BDE FAM HSG	HOUSING					
	BERLIN BDE SPORTS CTR	RECREATION					
	BERLIN BOQ	HOUSING	237	237		NA	
	BERLIN DEH COMPOUND	HQ/ADMIN					
	BERLIN DOCUMENTS CTR	HQ/ADMIN					
	BERLIN GOLF & COUNTRY CLUB	RECREATION					
	BERLIN HOSPITAL	HOSPITAL					
	BERLIN RTO	HQ/ADMIN					
	BERLIN SIGNAL STA	COMMO					
	BERLIN SUP & SVC DIV COMPOUND	HQ/ADMIN					
	BERLIN S&S DIV PERI SUBS WHSE	OTHER	8	4	4	16	
	DACHSBERG AMMO AREA	ARSENAL					
	DAHLEM HOUSE	HQ/ADMIN					
	DAUPELLE FAM HSG	HOUSING					
	GEN LUCIUS D CLAY HQDTRS	HQ/ADMIN					
	HARNACK HOUSE	OTHER					
	INFANTRY MOTOR POOL	COMMO					
	JAGEN B7 SIG FAC	ARSENAL					
	JAGEN 92 AMMO AREA	TRAINING					
	KEERANS RANGE	TRAINING					
	MCNAIR BARRACKS, BERLIN	HQ/ADMIN					
	NCO CLUB CHECKPOINT	RECREATION					
	OUTPOST THEATER	RECREATION					
	PACELLAUER TRANSMTR STA	COMMO					
	PARKS RANGE	TRAINING					
	PUECKLER FAM HSG	HOUSING					
	RESIDENTIAL TRANSIENT BILLETS	TRAINING					
	ROSE TNG AREA	HOUSING					
	SUNDGAUERSTR FAM HSG	SCHOOLS					
	T A ROBERTS SCHOOL	AIRFIELD					
	TEGEL AIRPORT	COMMO					
	TEUFELSBERG COMM FAC	HQ/ADMIN					
	TRUMAN PLAZA	HQ/ADMIN					
	TURNER BARRACKS	RECREATION					
	WANNSEE REC CTR						

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country ASG/BSB/Military Community Installation-Equivalent	Site Name	Function	Authorized End Strength				Acres
			Mil	US CIV	Other	Total	
MUNICH/MIL COM	CHIEMGAUSTR BIL & ADMIN AREA GRUENTHAL FAM HSG HARLACHING ADMIN FAC MCGRRAW KASERNE MUNICH AFN FAC PERLACHER FOREST FAM HSG	HQ/ADMIN HOUSING HQ/ADMIN HQ/ADMIN COMMO HOUSING	817	1516	713	3046	154116NA242
Greece	REMOTE SITES	ARGYROUPOLIS SITE PERIVOLAKI SITE	29 51	15	107 31	151 82	53
Italy	8TH ASG (Livorno)/219TH BSB (Livorno)/LIVORNO MIL COM PISA/LIVORNO AREA	CAMP DARBY COLTANO TROPOSCATTER SITE LIVORNO SUP & MAINT AREA LIVORNO TNG AREA PISA AMMO STOR AREA TIRRENNIA RECREATION SITE	717 199 150	173 20	224 359 74	1114 204 529 74	1592892775020934
	22ND ASG (Vicenza)/VICENZA MIL COM VICENZA AREA	HQ/ADMIN COMMO ARSENAL HOUSING	2624	637	906	4167	147NA3482

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country ASG/BSB/Military Community
Installation-Equivalent

REMOTE SITES

Site Name	Function	Mil	US Civ	Other	Total	Acres
CODOGNE COMM SITE	COMMO	104			104	NA
LONGARE COMM SITE	COMMO	89			89	1
ODERZO COMM SITE	COMMO	62			62	NA
PORTOGUARO SITE	ARSENAL				6	6
VERONA RIVERSIDE SCHOOL	SCHOOLS			2	10	

Japan 10TH ASG (Torii Station)

Site Name	Function	Mil	US Civ	Other	Total	Acres
ARMY POL DEPOTS	DEPOT	49	16	99	164	300
CHIBANA SITE	COMMO					0
DEF-UTY DIV ENGR OFFICE	HQ/ADMIN					11
NAHA PORT	PORT	142	110	503	755	166
TORII STATION	HQ/ADMIN	403	0	8	411	467
WHITE BEACH AREA	PORT					85

17TH ASG (Camp Zama)

Site Name	Function	Mil	US Civ	Other	Total	Acres
AKIZUKI AMMO DEPOT	DEPOT	19	11	191	221	138
HAIGAMINE COMM SITE	COMMO					0
HIRO AMMO DEPOT	DEPOT					88
KAWAKAMI AMMO DEPOT	DEPOT					644
KURE PIER NO. 6	PORT					4
AKASAKA PRESS CTR	HQ/ADMIN	803	765	2018	3586	584
CAMP ZAMA	HQ/ADMIN					6
KANAGAWA MILK PLANT	OTHER					
SAGAMI GENERAL DEPOT	DEPOT	69	19	211	299	3
SAGAMIHARA DEP HOUSING AREA	DEPOT	1	48	1	50	529
YOKOHAMA NORTH DOCK	HOUSING	21	12	97	130	150
	PORT					124

Korea 20TH ASG/AREA IV (Camp Henry)

Site Name	Function	Mil	US Civ	Other	Total	Acres
BROOKLYN	COMMO	4				4
CAMP HIALEAH	HQ/ADMIN	642	118	1518	2278	34
CHANG SAN	COMMO	6				23
PUSAN STORAGE	DEPOT	13	13	6	14	23
CAMP HENRY	HQ/ADMIN	713	213	1508	2434	60
CAMP WALKER	HQ/ADMIN	663	64	554	1281	189
DART BOARD	COMMO	5				5
SONG SO	COMMO	27				11
TAEGU STORAGE AREA	DEPOT					2

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries**

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country ASGIBS/Military Community Installation-Equivalent	Site Name	Function	Authorized Endstrength				Acres
			Mil	US Civ	Other	Total	
501ST CSG/AREA I (Cam, Red Cloud)	CAMP PAGE HWAAKSAN EVENREACH ATC	HQ/ADMIN OTHER	624 3	6	412	1042 3	592 2
DMZ AREA	CAMP BONIFAS CAMP GREAVES CAMP LIBERTY BELL DMZ SOUTH HALF FREEDOM BRIDGE JOINT SECURITY AREA HQ SWISS-SWEDE CAMP	HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN HQ/ADMIN	248 551 185	63	110 9	421 194	36 58 17 NA NA NA
MUNSAN AREA	CAMP GARRY OWEN CAMP GIANT CAMP PELHAM CHARLIE BLOCK	OTHER HQ/ADMIN HQ/ADMIN COMMO	497 117 892	78 53 121	575 170 1013	36 42 77	
TONGDUCHON AREA	CAMP CASEY CAMP CASTLE CAMP HOVEY CAMP NIMBLE GIMBOLS H-220 HELIPORT KAMAKSAN ASA	HQ/ADMIN HQ/ADMIN HQ/ADMIN TRAINING AIRFIELD OTHER	6366 302 1963 174	77	1972 97 195 20	8415 399 2158 194	3496 52 3928 14 7535 52 48
UJJONGBU AREA	CAMP ESSAYONS CAMP FALLING WATER CAMP INDIAN CAMP JACKSON CAMP KYLE CAMP RED CLOUD CAMP SEARS CONCORD LA GUARDIA	HQ/ADMIN HQ/ADMIN HQ/ADMIN TRAINING HQ/ADMIN HQ/ADMIN OTHER OTHER HQ/ADMIN	424 5 162 278 594 1222 183	10	109 94 41 61 40 19 10	533 109 203 339 753 2026 193	77 60 10 953 36 207 59 3 34

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991**

Country	ASG/BSSB/Military Community Installation-Equivalent	Site Name	Function	Authorized End Strength			Total	Acres
				Mil	US Civ	Other		
REMOTE SITES								
	ALAMO ASA	OTHER	OTHER	0	0	0	8	8
	BAYONET TNG AREA	TRAINING	COMM	0	0	0	1003	4
	BEASON	COMM	TRAINING	0	0	0	19443	4
	BULL'S EYE #1	TRAINING	TRAINING	0	0	0	1391	4
	BULL'S EYE #2	TRAINING	TRAINING	0	0	0	77	77
	CAMP EAGLE	HQ/ADMIN	HQ/ADMIN	285	4	94	379	83
	CAMP EDWARDS	HQ/ADMIN	HQ/ADMIN	258	4	140	402	156
	CAMP HOWZE	HQ/ADMIN	HQ/ADMIN	734	4	268	1002	156
	CAMP KWANG SA-RI	ARSENAL	ARSENAL	320	4	249	573	29
	CAMP LONG	HQ/ADMIN	HQ/ADMIN	1904	4	386	2234	567
	CAMP STANLEY	HQ/ADMIN	HQ/ADMIN	444	4	64	508	68
	CAMP STANTON	TRAINING	TRAINING	0	0	0	222	222
	GUN TRAINING AREA	TRAINING	TRAINING	0	0	0	4396	4396
	MOBILE	OTHER	OTHER	0	0	0	7	7
	PAPYONGSAN ATC	COMM	COMM	0	0	0	3	3
	RADAR SITE 4	COMM	COMM	0	0	0	2	2
	RADAR SITE 6	OTHER	OTHER	0	0	0	13	13
	RADAR SITE 7	COMM	TRAINING	0	0	0	45	45
	SHINBUK RELAY	TRAINING	TRAINING	0	0	0	3211	3211
	WATKINS RANGE	TRAINING	TRAINING	0	0	0	NA	NA
	YONGPYONG	TRAINING	TRAINING	0	0	0	NA	NA
Luxembourg 29TH ASG (Kaiserslautern)/KAISERSLAUTERN MIL. COM								
	REMOTE SITES	OTHER	OTHER	0	0	0	NA	NA
Netherlands 54TH ASG (Brunssum)/THE NETHERLANDS								
	SCHINNEN AREA	ARSENAL	ARSENAL	189	5	6	209	NA
		ARSENAL	ARSENAL	1	3	8	12	NA
		HQ/ADMIN	HQ/ADMIN	555	59	12	626	NA
		HQ/ADMIN	HQ/ADMIN	102	86	316	504	24
		HQ/ADMIN	HQ/ADMIN	79	5	84	NA	NA
		ARSENAL	ARSENAL	33	11	29	73	NA
		COMM	COMM	9	55	118	286	2
		HQ/ADMIN	HQ/ADMIN	113	55	118	76	NA
		COMM	COMM	76	14	2	16	NA
		ARSENAL	ARSENAL	44	44	44	44	NA
		COMM	COMM	15	15	2	17	NA
	REMOTE SITES	ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN	HQ/ADMIN	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		ARSENAL	ARSENAL	0	0	0	NA	NA
		COMM	COMM	0	0	0	NA	NA
		HQ/ADMIN</td						

**DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries**
September 30, 1991

Country ASG/BSB/Military Community Installation-Equivalent

Panama U.S. ARMY GARRISON, PANAMA (Ft Clayton)

FORT DAVIS AREA	FORT SHERMAN AREA	COCO SOLO HEALTH CLINIC	MEDICAL	8	86	2	96	NA	
		CRISTOBAL HIGH SCHOOL	OTHER	26	54	53	173	344	
		FORT ESPINAR (GULLICK)	HQ/ADMIN	1851	429	159	2439	4325	
		FORT WM D DAVIS	HQ/ADMIN					14	
		MARGARITI SCHOOL BUILDING	OTHER						
		FORT SHERMAN	HQ/ADMIN	172	6	40	218	23079	
		ANCON HILL COMMUNICATIONS	COMMO	154	643	126	923	NA	
		BALBOA ELEM SCHOOL	OTHER					NA	
		BALBOA HIGH SCHOOL	OTHER					NA	
		BUILDING 1501 (MTMC)	OTHER					NA	
PACIFIC – EAST BANK AREA	FORT SHERMAN AREA	CHIVA CHIVA	COMMO					2180	
		CHIVA CHIVA – FBIS SITE	COMMO					5	
		COROZAL COMMISSARY AREA	HOUSING					10	
		CURUNDU	HOUSING					168	
		CURUNDU HEIGHTS	INDUSTRIAL					14	
		CURUNDU JR HIGH SCHOOL	INDUSTRIAL					NA	
		DIABLO HEIGHTS ELEM SCHOOL	INDUSTRIAL					NA	
		EAST COROZAL	INDUSTRIAL					NA	
		FORT AMADOR	INDUSTRIAL					NA	
		FORT CLAYTON	INDUSTRIAL					NA	
PACIFIC – WEST BANK AREA		GORGAS HOSPITAL	MEDICAL					NA	
		HERRICK HEIGHTS	HOUSING					NA	
		LOS RIOS ELEM SCHOOL	HOUSING					NA	
		MORGAN AVENUE	HOUSING					NA	
		PANAMA CANAL COLLEGE	HOUSING					NA	
		QUARRY HEIGHTS	HOUSING					NA	
		WEST COROZAL	HOUSING					NA	
		ASP #1	TRAINING					306	
		CERRO GORDO COMMUNICATIONS	COMMO					2100	
		FORT KOBBE	HQ/ADMIN	2101	27	57	2195	2489	
		COCOLO	HOUSING					90	
		EMPIRE FLANGE	TRAINING					26491	

Turkey NSCOM 100,000,000 80,000,000 60,000,000 40,000,000 20,000,000 0

SETAF REMOTE SITES

CAKMAKLU HQ COMPLEX
CORLU REMOTE SITE
ERZURUM REMOTE SITE
ERZURUM HQ COMPLEX SITE

DEPARTMENT OF DEFENSE
ARMY BASE STRUCTURE
Used by U.S. Army in Foreign Countries
September 30, 1991

Country ASG/BSS/Military Community Installation-Equivalent	Site Name	Function	Authorized End Strength			Total	Acres
			Mil	US Cr	Other		
United Kingdom 477TH ASG (Burtonwood) / THE UNITED KINGDOM							
	RAF BURTONWOOD	AIRFIELD	32	24	456	512	137
	RAF CAERWENT	ARMENAL	4	8	149	161	1563
	RAF HYTHE	PORTS	3	2	180	185	35
	REMOTE SITES						

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE

Europe
SEPTEMBER 30, 1991

Authorized Manpower
Full-time Permanently
Assigned

Country Base/City Class City Acres/age Major Unit/Function

Italy
NAS Sigonella (1) 3526 587 630 Air Station

NAS 1, Sigonella
NATO Ordnance Facility, Sigonella
NATO Airfield, Sigonella
NATO Magazine Area, Sigonella
Pachino, Sigonella
NAS III, Sigonella
Gli Utivi Housing, Catania
Castonzo Housing, Catania
Miscemi Transmitter Site

Comm Area Master Station, Naples - 154 75 56 Communications

Main Site, Agnano, Naples
Capodichino, Naples
Bagnoli AF South, Naples
Camaldoli Relay Site, Naples
Lago Patria, Naples
Fischia M/W Relay, Naples
Gaeta

Fleet Support Office
La Maddalena - 1619 42 38 Fleet Support

Main Site, La Maddalena
Santo Stefano Site, La Maddalena
Paltu Sassari, La Maddalena

Naval Support Activity, Naples (1) 4079 962 177 Fleet Support/Hospital

Main Site, Agnano, Naples
Capodichino, Naples
AFSOUTH HQ Bagnoli, Naples
Capoletto Pineta Mare, Naples

DEPARTMENT OF DEFENSE
MILITARY BASE STRUCTURE
Europe
SEPTEMBER 30, 1991

Authorized Manpower
Full-time Permanent
Assigned

<u>Country</u>	<u>Base/City</u>	<u>Class</u>	<u>Mil</u>	<u>Civ</u>	<u>Acres</u>	<u>Major Unit/Function</u>
Italy (cont)						
	Gaeta					
	Rome Airport, Rome					
	Hisidio Island					
	Carrier Park, Naples					
	Naples Port Area, Naples					
	Housing, various locations, Naples					
Portugal						
	Iberian Atlantic Area, Lisbon		21	-	26	Family Housing
Spain						
	Communications Station, Rota		288	88	159	Communications
	Main Site Moron					
	Construction DivC, Madrid		-	4	-	Construction Support
	Naval Hospital, Rota		268	31	8	Medical
	Main Site					
	Naval Station, Rota	(1)	3179	180 5994		Fleet Support
	Main Site					

* Cartegena Fuels Area, Cartegena

* Announced for return, transfer date still under negotiation

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
Europe
SEPTEMBER 30, 1991

Authorized Manpower
Full-time Permanently
Assigned

<u>Country</u>	<u>Base/Activity</u>	<u>Class</u>	<u>Mil</u>	<u>Civ</u>	<u>Acres</u>	<u>Major Unit/Function</u>
United Kingdom						
	Naval Activities, London	(3)	733	305	38	Logistics Support
Main Site						
	American Embassy, London					
	Brixtonon Square, London					
	Connaught Place, London					
	Dunstable, London					
	Eastcote, London					
	RAF Hendon, London					
	HC Barracks, 90 Altherton Rd, London					
	Providence Court, London					
	Ronany House, Surrey					
	Territorial House, London					
	West Ruislip, London					
	Wimpole Street, London					
	Duke Street:					
	Moor Park					
	Naval Communications Station, Thurso	(3)	139	63	250	Communications
Main Site						
*	Harland Road Housing, Castletown					
*	Burnside Housing, Thurso					
*	Murkle Receiver Site					
*	Cairnmore Hilltop Antenna Site					
*	Ornkie Housing					
*	Latheron Antenna Site					
*	Kinnaber					
*	Inverbervie Antenna Site					
*	Aberdeen Antenna Site					
*	Monon Hill Antenna Site					
*	Screabster Housing					

* Prioritized for return, estimated completion Dec 92

DEPARTMENT OF DEFENSE
NAVY BASE STRUCTURE
Europe
SEPTEMBER 30, 1991

Authorized Manpower
Full-time Permanently
Assigned

Country Base/City Class Mil Civ Age/age Major Unit/Function

United Kingdom (cont)

Naval Facility
Brewdry, Wales

Main Site

Naval Security

Group Activity,
Edzell

Main Site
Trinity Fields Brechin

RAF Inverbervie
Sewage Treatment Farm

*** Naval Support**
Activity, Holy Loch (1)

93

72

457

Logistics Support

Main Site
Greenock/Gourock, Greenock
Hutton Estates
Queen Street
Rankin Site
Montgomery's Garage
Sand Bank

* Entire Activity announced for return - June '92

Naval Weapons Fac.,
St Mawgan

-

205

5

-

Munitions Support

Main Site
Macrihanish (Detachment located in Scotland)

DEPARTMENT OF DEFENSE
 NAVY BASE STRUCTURE
 Europe
 SEPTEMBER 30, 1991

Authorized Manpower
 Full-time Permanently
 Assigned

<u>Country</u>	<u>Base/City</u>	<u>Class</u>	<u>Mil</u>	<u>Civ</u>	<u>Acres</u>	<u>Major Unit/Function</u>
Iceland	Naval Air Station, Keflavik	(1)	1767	921 23339		Air Station
	Main Site					
	Helguvik					
	H-1/Rockville					
	Bargarjárdarsýsla					
	H-3/Hornafjörði					
	Sangerdi					
	Gríðarvík					
Hvalfjörður						
Naval Air Station, Keflavik (cont)						
NAVFAC						
H-2/Thorshofn						
H-4/Isafjordur						
Greece	Naval Support Activity, Souda Bay, Crete	(2)	177	24	101	Fleet Support
	Main Site					
MOMAG Compound, Souda Bay NATO Ordnance Area						

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GERMANY									
Bitburg	AB	Ahltbach Water Sys Anx		(1)	4077	700	4777	1239	36 Fighter Wing
		Bon Ahin Radio Relay Site						1	
		Bitburg Fam Hsg Anx						149	
		Bitburg Fam Hsg Anx #2						15	
		Ichenheim Comm Anx						57	
		Moetsch Ammo Stg Anx						18	
		Moltsch Water Sys Anx						6	
		Oberweis Anx						105	
		Pruem Air Station						47	
		Pruem Fam Hsg Anx						20	
		Pruem Water Sys Anx						6	
		Rittersdorf Anx						30	
		Roehl Anx						1	
		Suelm Anx						10	
		TOTAL						1704	
Hahn AB				(1)	1564	333	1897	1251	50 Comm. Sqn.
		Buchenbeuren Waste Anx						2	
		Hahn Family Hsg Anx						135	
		Hahn Water Sys Anx #1						1	
		Hahn Water Sys Anx #2						1	
		Hahn Water Sys Anx #3						1	
		Hahn Water Sys Anx #4						2	
		Hahn Water Sys Anx #5						5	
		Hahn Water Sys Anx #6						20	
		Hundheim Anx						7	
		Kastellaun Fam Hsg						6	
		Morbach Ammo Stg Site						362	
		Muehl Zuesch RRL						3	
		Sohren Fam Hsg Anx						35	
		Wiescheim Air Base						32	
		Wiescheim Ammo Stg Anx						62	
		Wiescheim Comm Anx						5	
		Wiescheim Comm Anx #2						3	
		TOTAL						1934	

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanent
Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity	Function
GERMANY (Cont.)										
Lindsey AB	Schierstein	Adm Anx		(2)	1623	323	1946	82	7100 Cmbt. Support Wing	
	Wiesbaden	HSP						4		
	TOTAL							19		
Ramstein AB				(1)	7985	2722	10707	3100	Hq USAFE/86 Fighter Wing	
	Barn Comm Anx							6		
	Barn Comm Anx #2							51		
	Boarflink Admin Site							-		
	Copenhagen Fam Hsg Site							-		
	Donaueschingen Cont Hosp Anx							10		
	Einseidlerhof Maint Anx							13		
	Einseidlerhof Stg Anx							27		
	Einseidlerkoepfe Tng Anx							311		
	Kaiserslautern Fam Hsg Anx #3							12		
	Kaiserslautern Fam Hsg Anx #4							3		
	Kaiserslautern Water Sys Anx							4		
	Kapaun Adm Anx							155		
	Kindsbach Stg Anx							6		
	Landstuhl Fam Hsg Anx #3							52		
	Landstuhl Maint Anx							25		
	Landstuhl Maint Anx #2							7		
	Langerkopf RRL							7		
	Langerkopf Water Sys Anx							1		
	Ramstein Fam Hsg Anx							-		
	Ramstein Stg Anx							85		
	Siegenberg							681		
	Vogelweh Fam Hsg Anx							678		
	TOTAL							5234		
Rhein Main AB				(1)	4527	854	5381	794	435 Airlift Wing	
	Feldberg Radio Relay Site							4		
	Gateway Gardens Fam Hsg Anx							87		
	Langen Terrace Fam Hsg Anx							19		
	TOTAL							904		

**DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE**
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country	Base	Complex	Site	(Code)	#ft	Civ	Total	Acres	Major Unit Activity	Function
Germany (Cont.)										
Sembach AB		(1)	1791	483	2274	584	6	66	Elec. Combat Wing	
Alzey Comm Annex							5			
Enkenbach Water Sys Anx							88			
Hochspreyer Admin Stg Anx							-			
Kalkar Comm Site							68			
Mehlingen Comm Anx							7			
Neuhemsbach Pol Retail Dist Anx							1			
Neukirchen Water Sys Anx							2			
Niedermehlingerhof Water Sys Anx							6			
Reisenbach Comm Anx							3			
Rohrbach Waste Anx							278			
Sembach Base Support Anx							1048			
TOTAL										
Spangdahlem AB		(1)	3898	531	4429	1282	5	52	Fighter Wing	
Grosslittgen Stg Anx							2			
Grosslittgen Water Sys Anx							2			
Niederkail Water Sys Anx							3			
Spangdahlem Waste Anx							20			
Trier Fsm Hsg Anx							1314			
TOTAL										
Tempehof Central Apt AS		(2)	599	757	1356	506	2	7350	Air Base Group	
Tempelhof Central Apt AS							908			
Tempelhof Central Apt AS										
Tegel Navigational Aid Annex										
TOTAL										
GREECE										
Iraklion AB		(2)	802	177	979	197	1	7276	Air Base Group	
Araxos RRL							-			
Athena Admin #2							-			
Elefsis Stg							26			
Gournes Fam Hsg Anx							14			
Iraklion Comm Anx							9			
Iraklion Comm Anx							1			
Malia Water Sys Anx #1										
Malia Water Sys Anx #2										

DEPARTMENT OF DEFENSE
 AIR FORCE BASE STRUCTURE
 Europe
 September 30, 1991
 Authorized Manpower
 Full-Time Permanently
 Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity	function
GREECE (Cont.)										
		Pateras	RRL				41			
							289			
ITALY										
Aviano AB		(1)		1840	442	2282	989	47	40 Support Wing	
Aviano Ammo Stg Anx								13		
Aviano Bachelor Hsg Anx #2								8		
Aviano Headquarters Anx								7		
Aviano POL Products Stg Anx								-		
Aviano Railhead Anx								-		
Cina Gallina RRL								-		
Lacrimina Stg Anx								-		
Monte Cimone Radio Relay Site								-		
Monte Corna Radio Relay Site								1		
Monte Limbara Radio Relay Site								10		
Monte Limbara WSS Anx								1		
Monte Paganella Radio Relay Site								1		
Monte Serra Radio Relay Site								1		
Monte Venda Radio Relay Site								1		
Monticchiari Bachelor Hsg Anx								1		
Orsago Radio Beacon Anx								1		
South Quirino Stg Anx								1		
TOTAL								1089		
San Vito Del Normanni AB		(2)		1479	240	1719	318	9	7275 Air Base Group	
Martina Franca Radio Relay Site								1		
Martina Franca WSS Anx								1		
Monte Mardello Radio Relay Site								7		
Monte Vergine Radio Relay Site								9		
TOTAL								344		
NETHERLANDS										
Soesterberg AB		(1)		1466	152	1598	562	-	32 Fighter Group	
trip Radio Relay Site										
Kamp Alphen Ammo Stg Anx										

**DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE**

Country Base	Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
--------------	--------------	--------	-----	-----	-------	-------	------------------------------

NETHERLANDS (Cont.)

Camp van Zeist Service Anx
Heizerveer Radio Relay Site
Volkel School
Utrecht Radio Relay Site
Vlaardingen Sacre Kamp Bachelor Hsg
TOTAL

Journal

Stations		1605 Support Wing	
Agujinha Comm	Anx	(1)	2876
Agujinha Munitions	Stg Anx		948
Cabrito Fuel	Stg Anx		2824
Caldeira Comm Fac	Anx		903
Caldeira Radio Beacon	Anx		15
Caldeira VOR	Anx		8
Caldeira Ammo	Stg Anx		3
Cinco Picos Globecom	Anx		1
Cova Das Ceniza POL Products	Stg Anx		1
Cume Da Praia Radio Relay	Anx		1
Fentinhos Water Sys	Anx		1
Lajes Water Sys	Anx		2
Portelha Nova Radar	Anx		1
Praia de Victoria Dock	Anx		1
Praia de Victoria Fuel	Stg Anx		4
Sao Miguel Radio Relay	Anx		34
Villa Nova Globecom	Anx		1
Villa Nova Water Well	Anx #6		1
TOTAL			117

PAIN
associa-

Jarama Water Sys Anx
Meron Air Base (Standby)
San Fernando Sig Anx
INDIA

401 Fighter Wing

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity	Function
TURKEY										
	Ankara AS	Atemdag RRL		(2)	522	138	660	136	Support Station	
		Ankara Hsg Anx	#3					1		
		Ankara Research Anx						2		
		TOTAL						8		
								147		
	Ircirik AS			(1)	2636	302	2938	3328	39 Tac Group	
		Adana Water Sys Anx						-		
		Karatas RRL						17		
		Yumurtalik POL Prod Stg Anx						142		
		TOTAL						3488		
	Izmir AS	Balikesir RRL		(2)	466	72	538	4	Support Station	
		Izmir Port						1		
		Izmir Clinic						-		
		TOTAL						5		
	Pirinlik AS	Pirinlik Comm Anx		(2)	115	5	120	114	Electronics Station	
		TOTAL						62		
UNITED KINGDOM										
	High Wycombe AS			(2)	221	29	250	79	Support Activities	
		Botley Hill RRL						1		
		Boxingdon RRL						1		
		Carpenters Park Fem Hsg Anx						14		
		Cold Blow RRL						-		
		Easzcote Adm Anx								
		RAF Christmas Common RRL						2		
		RAF Dunkirk Comm Site						2		
		RAF Ruislip West Adm Anx						6		
		RAF Swinigate Comm Site						4		
		RAF Uxbridge Support Anx						1		

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanently
Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres Assigned	Major Unit Activity Function
UNITED KINGDOM (Cont.)									
	RAF West Drayton	Farm	Hsg Anx					2	
	RAF Ruislip	Adm	Anx					1	
		TOTAL						113	
	RAF Alconbury	Daventry RRL		(1)	2180	409	2589	1225	39 Special Ops Wing
		Oakington Stg Anx						1	
	RAF Bedford							-	
	RAF Chelveston	Fam	Hsg Anx					18	
	RAF Molesworth							659	
	RAF Molesworth	Fam	Hsg Anx					5	
	RAF Molesworth	Stg Anx	#12					37	
	RAF Molesworth	Waste	Anx					1	
	RAF Upwood	FHG/Cont	Hosp Anx					216	
	RAF Wittering	Fam	Hsg Anx					-	
	RAF Wyton	Service	Anx					-	
		TOTAL						2162	
	RAF Bentwaters			(1)	3148	443	3591	1063	81 Fighter Wing
	RAF Framlingham	Stg Anx						6	
	RAF Grinstead	Fam	Hsg Anx					-	
	RAF Ipswich	Fam	Hsg Anx					-	
	RAF Melton	Fam	Hsg Anx					5	
	RAF Bentwaters	Bachelor	Hsg Anx					8	
	RAF Bentwaters	Waste	Anx					-	
	RAF Felixstowe	Fam	Hsg Anx					9	
	RAF Martlesham	Heath	Comm Anx					-	
	RAF Saxmundham	Fam	Hsg Anx					-	
	RAF Shotley	Fam	Hsg Anx					1091	
		TOTAL							
	RAF Chickands			(2)	1267	139	1406	411	7274 Air Base Group
	RAF Bedford	Stg Anx						-	
		TOTAL						411	

DEPARTMENT OF DEFENSE
AIR FORCE BASE STRUCTURE
Europe
September 30, 1991
Authorized Manpower
Full-Time Permanent
Assigned

Country	Base	Complex	Site	(Code)	Mil	Civ	Total	Acres	Major Unit	Activity	Function
UNITED KINGDOM (Cont.)											
RAF Croughton				(2)	310	31	341	694	2130 Communications Group		
RAF Fairford				(2)	88	89	177	1170	Standby Base		
RAF Lakenheath				(1)	3281	590	3871	1966	48 Fighter Wing		
RAF Feltwell Stg Anx								332			
RAF Mildenhall Amto Stg Anx								36			
RAF Nocton Hall Comt Hosp Anx								42			
RAF Sculthorpe								1503			
RAF Watton Sts Anx								-			
TOTAL:								3879			
RAF Mildenhall				(1)	3166	576	3742	1121	100 Air Ref		
Fornebu Airport Stg Site								-			
Newmarket Fam Hsg Anx #1								-			
Newmarket Fam Hsg Anx #2								-			
RAF Chilwell Stg Site								1			
RAF Mildenhall ILS MM Anx								4			
RAF Mildenhall Waste Anx								18			
RAF Shepherds Grove Fam Hsg Anx								-			
Tuddenham Fam Hsg Anx								1144			
TOTAL:											
RAF Upper Heyford				(1)	3903	501	4404	1221	20 Fighter Wing		
Ardley Fam Hsg Anx								1			
Bishops Green Fam Hsg Anx								10			
Long Hanborough Fam Hsg Anx								1			
RAF Barford St John Comm Site								476			
RAF Bicester Fam Hsg Anx #2								-			
RAF Bicester Service Annex								424			
RAF Ltl Rissington								608			
RAF Upper Heyford Waste Anx								3			
Wantage Fam Hsg Anx								6			
TOTAL:								2749			
RAF Woodbridge				(2)	165	0	165	994			
RAF Woodbridge Fam Hsg Anx								-			
RAF Woodbridge Waste Anx								4			
TOTAL:								998			
								78 & 91 Fighter Sqns.			

APPENDIX A-III

BASE STRUCTURE REPORT
LIST OF ABBREVIATIONS

ACFT	Aircraft
ACT	Activity
ADMIN	Administration
AF	Air Force
AFB	Air Force Base
AFR	Armed Force Reserve
AFRC	Armed Forces Reserve Center
AFS	Air Force Station
AGB	Air Guard Base
AGS	Air Guard Station
AGY	Agency
AMMO	Ammunition
ANG	Air National Guard
APT	Airport
ASW	Anti-Submarine Warfare
BN	Battalion
BOMB	Bombardment
CBT	Combat
CDEC	Combat Development Experimentation Center
CINCPAC	Commander in Chief, Pacific
CIV	Civilian
CMD	Command
CNTL	Control
COMM	Communications
CONST	Construction
CSOC	Consolidated Space Operations Center
CTR	Center
DEV	Development
DIA	Defense Intelligence Agency

DIV	Division
DLA	Defense Logistics Agency
DMA	Defense Mapping Agency
ED	Education
ELEC	Electronic
ENG	Engineering
FAC	Facility
FED	Federal
FIS	Fighter Interceptor Squadron
FIG	Fighter Interceptor Group
FIW	Fighter Interceptor Wing
FLD	Field
FMF	Fleet Marine Force
FOB	Federal Office Building
FTR	Fighter
FTW	Flying Training Wing
FORSCOM	Forces Command (ARMY)
FWD	Forward
GD	Ground
GP	Group
GRND	Ground
H/A	Heating and Air Conditioning
HELO	Helicopter
HQ	Headquarters
IAP	International Airport
ICP	Inventory Control Point
INST	Institute
IPAC	Intelligence command, Pacific
LANT	Atlantic
LOG	Logistics
MAB	Marine Amphibious Brigade
MAC	Military Airlift Command
MAG	Military Airlift Group (Air Force)
MAG	Marine Air Group (Marine Corps)
MAP	Municipal Airport
MAW	Marine Air Wing
MC	Marine Corps

MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCCEs	Marine Corps Communications and Electronic School
MECH	Mechanized
MED	Medical
MEDCOM	Medical Command
MIL	Military
MSL	Missile
NARF	Naval Air Rework Facility
NAS	Naval Air Station
NATO	North Atlantic Treaty Organization
NAV	Naval
NSA	National Security Agency
OFF	Officer
OPS	Operations
OPNS	Operations
PAC	Pacific
PAVE PAWS	Phased-Array Radar
PENT	Pentagon
PERS	Personnel
PLT	Plant
PROC	procurement
PROD	Production
PROF	Professional
PROJ	Project
PT	Point
PUB	Public
R&D	Research and Development
RAF	Royal Air Force
RC	Reserve Component
RDT&E	Research, Development, Test and Evaluation
REC	Recreation
RECON	Reconnaissance
REF	Refueling
REG	Regional
RES	Reservation
SWG	Sewage

SCH School
SPT Support
SQ Squadron
STA Station
STRAT Strategic
SUB Submarine
SUP Supply
SURV Survival
SYS System
T&E Test and Evaluation
TAC Tactical
TAC Technical Air Command (Air Force)
TECH Technical
TRG Training
TRADOC Training and Doctrine Command (Army)
TRK Tracking
TRP Troop
USAF U.S. Air Force
USAREUR U.S. Army, Europe
USMA U.S. Military Academy
USMC U.S. Marine Corps
WG Wing
WKS Works

APPENDIX A-IV

INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORIES

<u>IDPP #</u>	<u>CATEGORY</u>
	Strategic Forces
101	Strategic
103	Intelligence and Communications
105	Guard and Reserve
106	Research and Development
	General Purpose Forces
202	General Purpose
204	Airlift/Sealift Forces
205	Guard and Reserve
	Auxiliary Forces
303	Intelligence and Communications
306	Research and Development
307	Central Supply and Maintenance
	Mission Support Forces
401	Strategic
402	General Purpose
	Central Support Forces
507	Central Supply and Maintenance
508	Training, Medical and Other Personnel Activities
509	Administration and Associated Activities